

ARCHICAD Python API Documentation

archicad.releases.ac26
archicad.releases.ac26.b3005commands
Graphisoft

class archicad.releases.ac26.b3005commands.Commands(req: Request)
Bases: object

Collection of the Archicad JSON interface commands

コマンド	説明
CloneProjectMapItemToViewMap	プロジェクトマップアイテムをビューマップにクローンします。
CreateAttributeFolders	属性フォルダを作成します。フォルダを作成するには、その完全なパスを提供する必要があります。コマンドは、存在しない場合、パスに沿ってすべてのフォルダを作成します。
CreateLayout	新しいレイアウトを作成します。
CreateLayoutSubset	新しいレイアウトサブセットを作成します。
CreateViewMapFolder	ナビゲータツリーの指定された位置にビューフォルダアイテムを作成します。
DeleteAttributeFolders	属性フォルダと、それが含むすべての削除可能な属性およびフォルダを削除します。フォルダを削除するには、その完全なパスを提供する必要があります。
DeleteAttributes	属性を削除します。
DeleteNavigatorItems	ナビゲータツリーからアイテムを削除します。
ExecuteAddOnCommand	アドオンに登録されたコマンドを実行します。
Get2DBoundingBoxes	GUID で識別される要素の 2D バウンディングボックスを取得します。バウンディングボックスは、フロアプランビュー上のグローバル原点から計算されます。出力は、入力 GUID に対応するバウンディングボックスの配列です。これは、<i>要素情報</i>で詳述されている要素のみに対応しています。
Get3DBoundingBoxes	GUID で識別される要素の 3D バウンディングボックスを取得します。バウンディングボックスは、3D ビュー上のグローバル原点から計算されます。出力は、入力 GUID に対応するバウンディングボックスの配列です。これは、<i>要素情報</i>で詳述されている要素のみに対応しています。
GetActivePenTables	戻り値 : モデルビューおよびレイアウトブックのペンテーブル識別子。
GetAllClassificationSystems	Returns the list of available classification systems. 利用可能な分類システムのリストを返します。
GetAllClassificationsInSystem	利用可能な分類システムのリストを返します。
GetAllElements	指定された分類システム内の分類ツリーを返します。
GetAllPropertyGroupIds	現在の計画内のすべての要素の識別子を返します。
GetAllPropertyIds	属性フォルダのコンテンツ、サブフォルダ、および属性を取得します。属性フォルダのコンテンツを取得するには、完全なパスまたは guid を提供する必要があります。
GetAllPropertyIdsOfElements	指定されたタイプのすべての属性の識別子を返します。
GetAllPropertyNames	GUID によって識別される詳細な建築材料属性を返します。
GetAttributeFolder	その ID によって識別される組み込みコンテナナビゲーターアイテムの詳細を返します。
GetAttributeFolderContent	指定された分類項目で利用可能なプロパティ定義の ID を返します。
GetAttributesByType	GUID によって識別される分類システムの詳細を返します。
GetBuildingMaterialAttributes	指定された分類システム内の指定された要素の分類を返します。
GetBuiltInContainerNavigatorItems	要素のリストのすべてのコンポーネントの識別子を返します。返されるリストの順序は、指定された要素と同じです。
GetClassificationItemAvailability	GUID によって識別される詳細なコンポジット属性を返します。
GetClassificationSystemIds	その ID によって識別される詳細ナビゲーターアイテムの詳細を返します。

GetClassificationSystems	分類アイテムの詳細を返します。
GetClassificationsOfElements	プロパティ定義の詳細を返します。
GetComponentsOfElements	その ID によって識別される 3D ドキュメントナビゲーターアイテムの詳細を返します。
GetCompositeAttributes	指定された分類識別子を持つすべての要素の識別子を返します。
GetDetailNavigatorItems	プラン上の指定されたタイプのすべての要素の識別子を返します。
GetDetailsOfClassificationItems	指定されたゾーンの関連要素を返します。関連要素はタイプ別にグループ化されます。複数のゾーンが指定された場合、返されるリストの順序は指定されたゾーンの順序となります。
GetDetailsOfProperties	その ID によって識別される標高ナビゲーターアイテムの詳細を返します。
GetDocument3DNavigatorItems	GUID によって識別される詳細な塗りつぶし属性を返します。
GetElementsByClassification	その ID によって識別される内部標高ナビゲーターアイテムの詳細を返します。
GetElementsByType	GUID によって識別される詳細なレイヤ属性を返します。
GetElementsRelatedToZones	GUID によって識別される詳細なレイヤ組み合わせ属性を返します。
GetElevationNavigatorItems	GUID によって識別される詳細な線属性を返します。
GetFillAttributes	ナビゲーターアイテムのツリーを返します。
GetInteriorElevationNavigatorItems	指定されたナビゲーターアイテム識別子に基づいてすべてのナビゲーターアイテムタイプを返します。見つからない識別子ごとにエラーが返されます。
GetLayerAttributes	GUID によって識別される詳細なペンテーブル属性（そのペンを含む）を返します。
GetLayerCombinationAttributes	実行中の Archicad からバージョン情報にアクセスします。
GetLayoutSettings	要求されたプロファイル属性のプレビュー画像を base64 文字列形式で返します。
GetLineAttributes	GUID によって識別される詳細なプロファイル属性を返します。
GetNavigatorItemTree	指定されたプロパティ定義が利用可能な分類アイテムの ID を返します。
GetNavigatorItemsType	プロパティグループの詳細を返します。
GetPenTableAttributes	要求されたプロパティ名のプロパティ定義の識別子を返します。
GetProductInfo	指定されたプロパティのコンポーネントのプロパティ値を返します。
GetProfileAttributePreview	指定されたプロパティの要素のプロパティ値を返します。
GetProfileAttributes	利用可能な出版セットの名前を返します。
GetPropertyDefinitionAvailability	その ID によって識別されるセクションナビゲーターアイテムの詳細を返します。
GetPropertyGroups	現在のプラン内の選択された要素の識別子を返します。
GetPropertyIds	その ID によって識別されるストーリーナビゲーターアイテムの詳細を返します。
GetPropertyValuesOfElementComponents	GUID によって識別される詳細なサーフェス属性を返します。
GetPropertyValuesOfElements	指定された要素のタイプを返します。
GetPublisherSetNames	その ID によって識別されるワークシートナビゲーターアイテムの詳細を返します。
GetSectionNavigatorItems	GUID によって識別される詳細なゾーンカテゴリ属性を返します。
GetSelectedElements	コマンドが利用可能かどうかを確認します。
GetStoryNavigatorItems	接続がアクティブかどうかを確認します。

GetSurfaceAttributes	要素の分類を設定します。要素の分類を未分類に設定するには、 classificationItemId フィールドを省略します。
GetTypesOfElements	要素のプロパティ値を設定します。
GetWorksheetNavigatorItems	属性フォルダのコンテンツ、サブフォルダ、および属性を取得します。属性フォルダのコンテンツを取得するには、完全なパスまたは guid を提供する必要があります。
IsAlive	Archicad 接続がアクティブかどうかを確認します。
SetClassificationsOfElements	要素の分類を設定します。要素の分類を未分類に設定するには、 classificationItemId フィールドを省略します。
SetPropertyValuesOfElements	要素のプロパティ値を設定します。

CloneProjectMapItemToViewMap(projectMapNavigatorItemId: NavigatorItemId, parentNavigatorItemId: NavigatorItemId) → NavigatorItemId

Clones a project map item to the view map.

プロジェクトマップアイテムをビューマップにクローンします。

Parameters:

projectMapNavigatorItemId (NavigatorItemId) – The identifier of a navigator item.

parentNavigatorItemId (NavigatorItemId) – The identifier of a navigator item.

Returns:

The identifier of a navigator item.

Return type:

NavigatorItemId

CreateAttributeFolders(attributeFolders: List[AttributeFolder]) → List[ExecutionResult]

Creates attribute folders. To create a folder, its full path has to be provided. The command will create all folders along the path, if they do not exist.

属性フォルダを作成します。フォルダを作成するには、その完全なパスを提供する必要があります。コマンドは、存在しない場合、パスに沿ってすべてのフォルダを作成します。

Parameters:

attributeFolders (list of AttributeFolder) – A list of attribute folders.

Returns:

A list of execution results.

Return type:

list of ExecutionResult

CreateLayout(layoutName: str, layoutParameters: LayoutParameters:, masterNavigatorItemId: NavigatorItemId, parentNavigatorItemId: NavigatorItemId) → NavigatorItemId

Creates a new layout.

新しいレイアウトを作成します。

Parameters:

layoutName (str) – The name of the layout.

layoutParameters: (LayoutParameters:) – The Parameters: of the layout.

masterNavigatorItemId (NavigatorItemId) – The identifier of a navigator item.

parentNavigatorItemId (NavigatorItemId) – The identifier of a navigator item.

Returns:

The identifier of a navigator item.

Return type:

NavigatorItemId

CreateLayoutSubset(subsetParameters: Subset, parentNavigatorItemId: NavigatorItemId) → NavigatorItemId

Creates a new layout subset.

新しいレイアウトサブセットを作成します。

Parameters:

subsetParameters: (Subset) – A set of options used to assign IDs to the layouts contained in the subset.

parentNavigatorItemId (NavigatorItemId) – The identifier of a navigator item.

Returns:

The identifier of a navigator item.

Return type:

NavigatorItemId

CreateViewMapFolder(folderParameters: FolderParameters:, parentNavigatorItemId: NavigatorItemId | None = None, previousNavigatorItemId: NavigatorItemId | None = None) → NavigatorItemId

Creates a view folder item at the given position in the navigator tree.

ナビゲータツリーの指定された位置にビューフォルダアイテムを作成します。

Parameters:

folderParameters: (FolderParameters:) – The Parameters: of a folder.

parentNavigatorItemId (NavigatorItemId, optional) – The identifier of a navigator item.

previousNavigatorItemId (NavigatorItemId, optional) – The identifier of a navigator item.

Returns:

The identifier of a navigator item.

Return type:

NavigatorItemId

DeleteAttributeFolders(attributeFolders List[AttributeFolder]) → List[ExecutionResult]

Deletes attribute folders and all the deletable attributes and folders it contains. To delete a folder, its full path has to be provided.

属性フォルダと、それが含むすべての削除可能な属性およびフォルダを削除します。フォルダを削除するには、その完全なパスを提供する必要があります。

Parameters

attributeFolders (list of AttributeFolder) – A list of attribute folders.

Returns

A list of execution results.

Return type:

list of ExecutionResult

DeleteAttributes(attributelds: List[AttributeldWrapperItem]) → List[ExecutionResult]

Deletes attributes.

属性を削除します。

Parameters:

attributelds (list of AttributeldWrapperItem) – A list of attribute identifiers.

Returns:

A list of execution results.

Return type:

list of ExecutionResult

DeleteNavigatorItems(navigatorItemIds: List[NavigatorItemIdWrapper]) → List[ExecutionResult]

Deletes items from navigator tree.

ナビゲータツリーからアイテムを削除します。

Parameters:

navigatorItemIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

Returns:

A list of execution results.

Return type:

list of ExecutionResult

ExecuteAddOnCommand(addOnCommandId: AddOnCommandId, addOnCommandParameters: AddOnCommandParameters | None = None) → AddOnCommandResponse

Executes a command registered in an Add-On.

アドオンに登録されたコマンドを実行します。

Parameters:

addOnCommandId (AddOnCommandId) – The identifier of an Add-On command.

addOnCommandParameters: (AddOnCommandParameters, optional) – The input **Parameters:** of an Add-On command.

Returns:

The response returned by an Add-On command.

Return type:

AddOnCommandResponse

Get2DBoundingBoxes(elements: List[ElementIdArrayItem]) → List[BoundingBox2DOrError]

Get the 2D bounding box of elements identified by their GUIDs. The bounding box is calculated from the global origin on the floor plan view. The output is the array of the bounding boxes respective to the input GUIDs. Only works for elements detailed in *Element Information*.

GUID で識別される要素の 2D バウンディングボックスを取得します。バウンディングボックスは、フロアプランビュー上のグローバル原点から計算されます。出力は、入力 GUID に対応するバウンディングボックスの配列です。これは、*要素情報*で詳述されている要素のみに対応しています。

Parameters:

elements (list of ElementIdArrayItem) – A list of elements.

Returns:

A list of 2D bounding boxes.

Return type:

list of BoundingBox2DOrError

Get3DBoundingBoxes(elements: List[ElementIdArrayItem]) → List[BoundingBox3DOrError]

Get the 3D bounding box of elements identified by their GUIDs. The bounding box is calculated from the global origin in the 3D view. The output is the array of the bounding boxes respective to the input GUIDs. Only works for elements detailed in *Element Information*.

GUID で識別される要素の 3D バウンディングボックスを取得します。バウンディングボックスは、3D ビュー上のグローバル原点から計算されます。出力は、入力 GUID に対応するバウンディングボックスの配列です。これは、*要素情報*で詳述されている要素のみに対応しています。

Parameters:

elements (list of ElementIdArrayItem) – A list of elements.

Returns:

A list of 3D bounding boxes.

Return type:

list of BoundingBox3DOrError

GetActivePenTables() → Tuple[AttributeIdOrError, AttributeIdOrError]

Returns the model view and layout book pen table identifiers.

返り値 : モデルビューおよびレイアウトブックのペンテーブル識別子。

Returns:

The attribute's identifier or an error. AttributeIdOrError: The attribute's identifier or an error.

Return type:

AttributeIdOrError

GetAllClassificationSystems() → List[ClassificationSystem]

Returns the list of available classification systems.

利用可能な分類システムのリストを返します。

利用可能な分類システムのリストを返します。

Returns:

A list of classification systems.

Return type:

list of ClassificationSystem

GetAllClassificationsInSystem(classificationSystemId: ClassificationSystemId) → List[ClassificationItemArrayItem]

Returns the tree of classifications in the given classification system.

指定された分類システム内の分類ツリーを返します。

Parameters:

classificationSystemId (ClassificationSystemId) – The identifier of a classification system.

Returns:

A list of classification items.

Return type:

list of ClassificationItemArrayItem

GetAllElements() → List[ElementIdArrayItem]

Returns the identifier of every element in the current plan.

現在の計画内のすべての要素の識別子を返します。

Returns:

A list of elements.

Return type:

list of ElementIdArrayItem

GetAllPropertyGroupIds(propertyType: str | None = None) → List[PropertyGroupIdArrayItem]

Returns the identifier of every property group in the current plan. The optional propertyType parameter can be used to filter the results based on the type of the property group (Built-in or User Defined).

Parameters:

propertyType (str, optional) – The type of a property group or a property definition.

Returns:

A list of property group identifiers.

Return type:

list of PropertyGroupIdArrayItem

GetAllPropertyIds(propertyType: str | None = None) → List[PropertyIdArrayItem]

Returns the identifier of every property in the current plan. The optional propertyType parameter can be used to filter the results based on the type of the property (Built-in or User Defined).

Parameters:

propertyType (str, optional) – The type of a property group or a property definition.

Returns:

A list of property identifiers.

Return type:

list of PropertyIdArrayItem

GetAllPropertyIdsOfElements(elements: List[ElementIdArrayItem], propertyType: str | None = None)
→ List[PropertyIdsOfElementOrError]

Returns all property identifiers of the given elements. The optional propertyType parameter can be used to filter the results based on the type of the property (Built-in or User Defined).

Parameters:

elements (list of ElementIdArrayItem) – A list of elements.

propertyType (str, optional) – The type of a property group or a property definition.

Returns:

A list of property identifiers of elements or errors.

Return type:

list of PropertyIdsOfElementOrError

GetAllPropertyNames() → List[PropertyUserId]

Returns the human-readable names of available Property definitions for debug and development purposes.

Returns:

A list of PropertyUserId objects.

Return type:

list of PropertyUserId

GetAttributeFolder(attributeFolder: AttributeFolder) → AttributeFolder

Get an attribute folder's path and guid. To get an attribute folder guid, it's full path has to be provided and to get full path, it's guid has to be provided.

Parameters:

attributeFolder (AttributeFolder) – Identifies an attribute folder. The path of the root folder is represented by empty array.

Returns:

Identifies an attribute folder. The path of the root folder is represented by empty array.

Return type:

AttributeFolder

GetAttributeFolderContent(attributeFolder: AttributeFolder) → AttributeFolderContent

Get attribute folder's content, subfolders and attributes. To get an attribute folder's content, it's full path or guid has to be provided.

属性フォルダのコンテンツ、サブフォルダ、および属性を取得します。属性フォルダのコンテンツを取得するには、完全なパスまたは **guid** を提供する必要があります。

Parameters:

attributeFolder (AttributeFolder) – Identifies an attribute folder. The path of the root folder is represented by empty array.

Returns:

An attribute folder content. Contains subfolders and attributes.

Return type:

AttributeFolderContent

GetAttributesByType(attributeType: str) → List[AttributeIdWrapperItem]

Returns the identifier of every attribute of the given type.
指定されたタイプのすべての属性の識別子を返します。

Parameters:

attributeType (str) – The type of an attribute.

Returns:

A list of attribute identifiers.

Return type:

list of AttributeIdWrapperItem

GetBuildingMaterialAttributes(attributeIds: List[AttributeIdWrapperItem]) → List[BuildingMaterialAttributeOrError]

Returns the detailed building material attributes identified by their GUIDs.
GUIDによって識別される詳細な建築材料属性を返します。

Parameters:

attributeIds (list of AttributeIdWrapperItem) – A list of attribute identifiers.

Returns:

A list of building material attributes and potential errors.

Return type:

list of BuildingMaterialAttributeOrError

GetBuiltInContainerNavigatorItems(navigatorItemIds: List[NavigatorItemIdWrapper]) → List[BuiltInContainerNavigatorItemOrError]

Returns the details of the built-in container navigator items identified by their Ids.

その ID によって識別される組み込みコンテナナビゲーターアイテムの詳細を返します。

Parameters:

navigatorItemIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

Returns:

A list of built-in container navigator items.

Return type:

list of BuiltInContainerNavigatorItemOrError

GetClassificationItemAvailability(classificationItemIds: List[ClassificationItemIdArrayItem]) → List[ClassificationItemAvailabilityOrError]

Returns the ids of property definitions available for a given classification item.

指定された分類項目で利用可能なプロパティ定義の ID を返します。

Parameters:

classificationItemIds (list of ClassificationItemIdArrayItem) – A list of classification item identifiers.

Returns:

A list of classification item availabilities.

Return type:

list of ClassificationItemAvailabilityOrError

GetClassificationSystemIds() → List[ClassificationSystemIdArrayItem]

Returns the list of available classification systems.

Returns:

A list of classification system identifiers.

Return type:

list of ClassificationSystemIdArrayItem

GetClassificationSystems(classificationSystemIds: List[ClassificationSystemIdArrayItem]) → List[ClassificationSystemOrError]

Returns the details of classification systems identified by their GUIDs.

GUID によって識別される分類システムの詳細を返します。

Parameters:

classificationSystemIds (list of ClassificationSystemIdArrayItem) – A list of classification system identifiers.

Returns:

A list of classification systems or errors.

Return type:

list of ClassificationSystemOrError

GetClassificationsOfElements(elements: List[ElementIdArrayItem], classificationSystemIds: List[ClassificationSystemIdArrayItem]) → List[ElementClassificationOrError]

Returns the classification of the given elements in the given classification systems.
指定された分類システム内の指定された要素の分類を返します。

Parameters:

elements (list of ElementIdArrayItem) – A list of elements.

classificationSystemIds (list of ClassificationSystemIdArrayItem) – A list of classification system identifiers.

Returns:

A list of element classification identifiers or errors.

Return type:

list of ElementClassificationOrError

GetComponentsofElements(elements: List[ElementIdArrayItem]) → List[ElementComponentsOrError]

Returns the identifier of every component for a list of elements. The order of the returned list is the same as the given elements.

要素のリストのすべてのコンポーネントの識別子を返します。返されるリストの順序は、指定された要素と同じです。

Parameters:

elements (list of ElementIdArrayItem) – A list of elements.

Returns:

Array of component list or error.

Return type:

list of ElementComponentsOrError

GetCompositeAttributes(attributelds: List[AttributeldWrapperItem]) → List[CompositeAttributeOrError]

Returns the detailed composite attributes identified by their GUIDs.

GUID によって識別される詳細なコンポジット属性を返します。

Parameters:

attributelds (list of AttributeldWrapperItem) – A list of attribute identifiers.

Returns:

A list of the composite attributes and potential errors.

Return type:

list of CompositeAttributeOrError

GetDetailNavigatorItems(navigatorItemIds: List[NavigatorItemIdWrapper]) → List[DetailNavigatorItemOrError]

Returns the details of the detail navigator items identified by their Ids.

その ID によって識別される詳細ナビゲーターアイテムの詳細を返します。

Parameters:

navigatorItemIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

Returns:

A list of detail navigator items.

Return type:

list of DetailNavigatorItemOrError

GetDetailsOfClassificationItems(classificationItemIds: List[ClassificationItemIdArrayItem]) → List[ClassificationItemOrError]

Returns the details of classification items.

分類アイテムの詳細を返します。

Parameters:

classificationItemIds (list of ClassificationItemIdArrayItem) – A list of classification item identifiers.

Returns:

A list of classification items or errors.

Return type:

list of ClassificationItemOrError

GetDetailsOfProperties(properties: List[PropertyIdArrayItem]) → List[PropertyDefinitionOrError]

Returns the details of property definitions.

プロパティ定義の詳細を返します。

Parameters:

properties (list of PropertyIdArrayItem) – A list of property identifiers.

Returns:

A list of property definitions or errors.

Return type:

list of PropertyDefinitionOrError

GetDocument3DNavigatorItems(navigatorItemIds: List[NavigatorItemIdWrapper]) → List[Document3DNavigatorItemOrError]

Returns the details of the 3D document navigator items identified by their Ids.
その ID によって識別される 3D ドキュメントナビゲーターアイテムの詳細を返します。

Parameters:

navigatorItemIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

Returns:

A list of 3D document navigator items.

Return type:

list of Document3DNavigatorItemOrError

GetElementsByClassification(classificationItemId: ClassificationItemId) → List[ElementIdArrayItem]

Returns the identifier of every element with the given classification identifier.
指定された分類識別子を持つすべての要素の識別子を返します。

Parameters:

classificationItemId (ClassificationItemId) – The identifier of a classification item.

Returns:

A list of elements.

Return type:

list of ElementIdArrayItem

GetElementsByType(elementType: str) → List[ElementIdArrayItem]

Returns the identifier of every element of the given type on the plan.
プラン上の指定されたタイプのすべての要素の識別子を返します。

Parameters:

elementType (str) – The type of an element.

Returns:

A list of elements.

Return type:

list of ElementIdArrayItem

GetElementsRelatedToZones(zones: List[ElementIdArrayItem], elementTypes: List[str] | None = None) → List[ElementsOrError]

Returns related elements of the given zones. The related elements will be grouped by type. If multiple zones was given, then the order of the returned list is that of the given zones.

指定されたゾーンの関連要素を返します。関連要素はタイプ別にグループ化されます。複数のゾーンが指定された場合、返されるリストの順序は指定されたゾーンの順序となります。

Parameters:

zones (list of ElementIdArrayItem) – A list of elements.

elementTypes (list of str, optional) – A list of element types.

Returns:

A list of ElementsOrError items.

Return type:

list of ElementsOrError

GetElevationNavigatorItems(navigatorItemIds: List[NavigatorItemIdWrapper]) → List[ElevationNavigatorItemOrError]

Returns the detailed elevation navigator items identified by their Ids.

その ID によって識別される標高ナビゲーターアイテムの詳細を返します。

Parameters:

navigatorItemIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

Returns:

A list of elevation navigator items.

Return type:

list of ElevationNavigatorItemOrError

GetFillAttributes(attributeIds: List[AttributeIdWrapperItem]) → List[FillAttributeOrError]

Returns the detailed fill attributes identified by their GUIDs.

GUID によって識別される詳細な塗りつぶし属性を返します。

Parameters:

attributeIds (list of AttributeIdWrapperItem) – A list of attribute identifiers.

Returns:

A list of fill attributes and potential errors.

Return type:

list of FillAttributeOrError

GetInteriorElevationNavigatorItems(navigatorItemIds: List[NavigatorItemIdWrapper]) → List[InteriorElevationNavigatorItemOrError]

Returns the details of the interior elevation navigator items identified by their Ids.
その ID によって識別される内部標高ナビゲーターアイテムの詳細を返します。

Parameters:

navigatorItemIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

Returns:

A list of interior elevation navigator items.

Return type:

list of InteriorElevationNavigatorItemOrError

GetLayerAttributes(attributelds: List[AttributeldWrapperItem]) → List[LayerAttributeOrError]

Returns the detailed layer attributes identified by their GUIDs.
GUID によって識別される詳細なレイヤ属性を返します。

Parameters:

attributelds (list of AttributeldWrapperItem) – A list of attribute identifiers.

Returns:

A list of layer attributes and potential errors.

Return type:

list of LayerAttributeOrError

GetLayerCombinationAttributes(attributelds: List[AttributeldWrapperItem]) → List[LayerCombinationAttributeOrError]

Returns the detailed layer combination attributes identified by their GUIDs.
GUID によって識別される詳細なレイヤ組み合わせ属性を返します。

Parameters:

attributelds (list of AttributeldWrapperItem) – A list of attribute identifiers.

Returns:

A list of layer combination attributes and potential errors.

Return type:

list of LayerCombinationAttributeOrError

GetLayoutSettings(layoutNavigatorItemId: NavigatorItemId) → LayoutParameters:

Returns the **Parameters:** (settings) of the given layout.

Parameters:

layoutNavigatorItemId (NavigatorItemId) – The identifier of a navigator item.

Returns:

The **Parameters:** of the layout.

Return type:

Layout**Parameters:**

GetLineAttributes(attributelds: List[AttributeldWrapperItem]) → List[LineAttributeOrError]

Returns the detailed line attributes identified by their GUIDs.
GUID によって識別される詳細な線属性を返します。

Parameters:

attributelds (list of AttributeldWrapperItem) – A list of attribute identifiers.

Returns:

A list of line attributes and potential errors.

Return type:

list of LineAttributeOrError

GetNavigatorItemTree(navigatorTreeld: NavigatorTreeld) → NavigatorTree

Returns the tree of navigator items.
ナビゲーターアイテムのツリーを返します。

Parameters:

navigatorTreeld (NavigatorTreeld) – The identifier of a navigator item tree.

Returns:

A tree of navigator items.

Return type:

NavigatorTree

GetNavigatorItemsType(navigatorItemIds: List[NavigatorItemIdWrapper]) → List[NavigatorItemIdAndTypeOrError]

Returns all navigator item types based on the navigator item identifiers given. An error is returned for each identifier that is not found.

指定されたナビゲーターアイテム識別子に基づいてすべてのナビゲーターアイテムタイプを返します。見つからない識別子ごとにエラーが返されます。

Parameters:

navigatorItemIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

Returns:

A list of objects that consist of a navigator item identifier and a type.

Return type:

list of NavigatorItemIdAndTypeOrError

GetPenTableAttributes(attributeIds: List[AttributeIdWrapperItem]) → List[PenTableAttributeOrError]

Returns the detailed pen table attributes (including their pens) identified by their GUIDs.

GUID によって識別される詳細なペンテーブル属性 (そのペンを含む) を返します。

Parameters:

attributeIds (list of AttributeIdWrapperItem) – A list of attribute identifiers.

Returns:

A list of pen table attributes and potential errors.

Return type:

list of PenTableAttributeOrError

GetProductInfo() → Tuple[int, int, str]

Accesses the version information from the running Archicad.

実行中の Archicad からバージョン情報にアクセスします。

Returns:

The version of the running Archicad. int: The build number of the running Archicad. str: The language code of the running Archicad.

Return type:

int

GetProfileAttributePreview(attributelds: List[AttributeldWrapperItem], imageWidth: int, imageHeight: int, backgroundColor: RGBColor | None = None) → List[ImageOrError]

Returns the preview image of each requested profile attribute in a base64 string format.

要求されたプロファイル属性のプレビュー画像を base64 文字列形式で返します。

Parameters:

attributelds (list of AttributeldWrapperItem) – A list of attribute identifiers.

imageWidth (int) – The width of the preview image.

imageHeight (int) – The height of the preview image.

backgroundColor (RGBColor, optional) – A color model represented via its red, green and blue components.

Returns:

A list of images and potential errors.

Return type:

list of ImageOrError

GetProfileAttributes(attributelds: List[AttributeldWrapperItem]) → List[ProfileAttributeOrError]

Returns the detailed profile attributes identified by their GUIDs.
GUID によって識別される詳細なプロフィール属性を返します。

Parameters:

attributelds (list of AttributeldWrapperItem) – A list of attribute identifiers.

Returns:

A list of the profile attributes and potential errors.

Return type:

list of ProfileAttributeOrError

GetPropertyDefinitionAvailability(propertylds: List[PropertyldArrayItem]) → List[PropertyDefinitionAvailabilityOrError]

Returns the ids of classification items a given property definition is available for.
指定されたプロパティ定義が利用可能な分類アイテムの ID を返します。

Parameters:

propertylds (list of PropertyldArrayItem) – A list of property identifiers.

Returns:

A list of classification item availabilities.

Return type:

list of PropertyDefinitionAvailabilityOrError

GetPropertyGroups(propertyGroupIds: List[PropertyGroupIdArrayItem]) → List[PropertyGroupOrError]

Returns the details of property groups.

プロパティグループの詳細を返します。

Parameters:

propertyGroupIds (list of PropertyGroupIdArrayItem) – A list of property group identifiers.

Returns:

A list of property groups or errors.

Return type:

list of PropertyGroupOrError

GetPropertyIds(properties: List[PropertyUserId]) → List[PropertyIdOrError]

Returns the identifiers of property definitions for the requested property names.

要求されたプロパティ名のプロパティ定義の識別子を返します。

Parameters:

properties (list of PropertyUserId) – A list of PropertyUserId objects.

Returns:

A list of property identifiers or errors.

Return type:

list of PropertyIdOrError

GetPropertyValuesOfElementComponents(elementComponents: List[ElementComponentIdArrayItem], properties: List[PropertyIdArrayItem]) → List[PropertyValuesOrError]

Returns the property values of the components for the given property.
指定されたプロパティのコンポーネントのプロパティ値を返します。

Parameters:

elementComponents (list of ElementComponentIdArrayItem) – List of components of elements.

properties (list of PropertyIdArrayItem) – A list of property identifiers.

Returns:

A list of property value lists.

Return type:

list of PropertyValuesOrError

GetPropertyValuesOfElements(elements: List[ElementIdArrayItem], properties: List[PropertyIdArrayItem]) → List[PropertyValuesOrError]

Returns the property values of the elements for the given property.
指定されたプロパティの要素のプロパティ値を返します。

Parameters:

elements (list of ElementIdArrayItem) – A list of elements.

properties (list of PropertyIdArrayItem) – A list of property identifiers.

Returns:

A list of property value lists.

Return type:

list of PropertyValuesOrError

GetPublisherSetNames() → List[str]

Returns the names of available publisher sets.

利用可能な出版セットの名前を返します。

Returns:

The names of available publisher sets.

Return type:

list of str

GetSectionNavigatorItems(navigatorItemIds: List[NavigatorItemIdWrapper]) → List[SectionNavigatorItemOrError]

Returns the details of the section navigator items identified by their Ids.

その ID によって識別されるセクションナビゲーターアイテムの詳細を返します。

Parameters:

navigatorItemIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

Returns:

A list of section navigator items.

Return type:

list of SectionNavigatorItemOrError

GetSelectedElements(onlyEditable: bool | None = None) → List[ElementIdArrayItem]

Returns the identifiers of selected elements in the current plan.

現在のプラン内の選択された要素の識別子を返します。

Parameters:

onlyEditable (bool, optional) – Optional parameter that defines whether the selection list should include only the editable elements or all of them. The default value is FALSE

Returns:

A list of elements.

Return type:

list of ElementIdArrayItem

GetStoryNavigatorItems(navigatorItemIds: List[NavigatorItemIdWrapper]) → List[StoryNavigatorItemOrError]

Returns the details of the story navigator items identified by their Ids.

その ID によって識別されるストーリーナビゲーターアイテムの詳細を返します。

Parameters:

navigatorItemIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

Returns:

A list of story navigator items.

Return type:

list of StoryNavigatorItemOrError

GetSurfaceAttributes(attributelds: List[AttributeldWrapperItem]) → List[SurfaceAttributeOrError]

Returns the detailed surface attributes identified by their GUIDs.

GUIDによって識別される詳細なサーフェス属性を返します。

Parameters:

attributelds (list of AttributeldWrapperItem) – A list of attribute identifiers.

Returns:

A list of surface attributes and potential errors.

Return type:

list of SurfaceAttributeOrError

GetTypesOfElements(elements: List[ElementIdArrayItem]) → List[TypeOfElementOrError]

Returns the types of the given elements.

指定された要素のタイプを返します。

Parameters:

elements (list of ElementIdArrayItem) – A list of elements.

Returns:

A list of element types or errors.

Return type:

list of TypeOfElementOrError

GetWorksheetNavigatorItems(navigatorItemIds: List[NavigatorItemIdWrapper]) → List[WorksheetNavigatorItemOrError]

Returns the details of the worksheet navigator items identified by their Ids.

その ID によって識別されるワークシートナビゲーターアイテムの詳細を返します。

Parameters:

navigatorItemIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

Returns:

A list of worksheet navigator items.

Return type:

list of WorksheetNavigatorItemOrError

GetZoneCategoryAttributes(attributeIds: List[AttributeIdWrapperItem]) → List[ZoneCategoryAttributeOrError]

Returns the detailed zone category attributes identified by their GUIDs.

GUID によって識別される詳細なゾーンカテゴリ属性を返します。

Parameters:

attributeIds (list of AttributeIdWrapperItem) – A list of attribute identifiers.

Returns:

A list of zone category attributes and potential errors.

Return type:

list of ZoneCategoryAttributeOrError

IsAddOnCommandAvailable(addOnCommandId: AddOnCommandId) → bool

Checks if the command is available or not.

コマンドが利用可能かどうかを確認します。

Parameters:

addOnCommandId (AddOnCommandId) – The identifier of an Add-On command.

Returns:

Returns: true if the command is available.

Return type:

bool

IsAlive() → bool

Checks if the Archicad connection is alive.

Archicad 接続がアクティブかどうかを確認します。

Returns:

Returns: true if the connection is alive.

Return type:

bool

MoveAttributesAndFolders(folders: List[AttributeFolder], attributeIds: List[AttributeIdWrapperItem], targetFolder: AttributeFolder)

Moves attributes and attribute folders.

Parameters:

folders (list of AttributeFolder) – A list of attribute folders.

attributeIds (list of AttributeIdWrapperItem) – A list of attribute identifiers.

targetFolder (AttributeFolder) – Identifies an attribute folder. The path of the root folder is represented by empty array.

MoveNavigatorItem(navigatorItemIdToMove: NavigatorItemId, parentNavigatorItemId: NavigatorItemId, previousNavigatorItemId: NavigatorItemId | None = None)

Moves the given navigator item under the *parentNavigatorItemId* in the navigator tree. If *previousNavigatorItemId* is not given then inserts it at the first place under the new parent. If it is given then inserts it after this navigator item.

Parameters:

navigatorItemIdToMove (NavigatorItemId) – The identifier of a navigator item.

parentNavigatorItemId (NavigatorItemId) – The identifier of a navigator item.

previousNavigatorItemId (NavigatorItemId, optional) – The identifier of a navigator item.

RenameAttributeFolder(attributeFolder: AttributeFolder, newName: str)

Rename attribute folder.

Parameters:

attributeFolder (AttributeFolder) – Identifies an attribute folder. The path of the root folder is represented by empty array.

newName (str) – The requested new name of the attribute folder.

RenameNavigatorItem(navigatorItemId: NavigatorItemId, newName: str | None = None, newId: str | None = None)

Renames an existing navigator item by specifying either the name or the ID, or both.

Parameters:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

newName (str, optional) – New name of the navigator item.

newId (str, optional) – New ID of the navigator item.

SetClassificationsOfElements(elementClassifications: List[ElementClassification]) → List[ExecutionResult]

Sets the classifications of elements. In order to set the classification of an element to unclassified, omit the classificationItemId field.

要素の分類を設定します。要素の分類を未分類に設定するには、classificationItemId フィールドを省略します。

Parameters:

elementClassifications (list of ElementClassification) – A list of element classification identifiers.

Returns:

A list of execution results.

Return type:

list of ExecutionResult

setLayoutSettings(layoutParameters: LayoutParameters, layoutNavigatorItemId: NavigatorItemId)

Sets the **Parameters:** (settings) of the given layout.

Parameters:

layoutParameters: (LayoutParameters) – The **Parameters:** of the layout.

layoutNavigatorItemId (NavigatorItemId) – The identifier of a navigator item.

SetPropertyValuesOfElements(elementPropertyValues: List[ElementPropertyValue]) → List[ExecutionResult]

Sets the property values of elements.
要素のプロパティ値を設定します。

Parameters:

elementPropertyValues (list of ElementPropertyValue) – A list of element property values.

Returns:

A list of execution results.

Return type:

list of ExecutionResult

__init__(req: Request)

__weakref__

list of weak references to the object (if defined)

exception archicad.releases.ac26.b3005commands.UnsucceededCommandCall

Bases: Exception

__weakref__

list of weak references to the object (if defined)

属性フォルダのコンテンツ、サブフォルダ、および属性を取得します。属性フォルダのコンテンツを取得するには、完全なパスまたは **guid** を提供する必要があります。

archicad.releases.ac26.b3005types

Graphisoft

```
class archicad.releases.ac26.b3005types.AddOnCommandId(commandNamespace: str,  
commandName: str)
```

Bases: `_ACBaseType`

The identifier of an Add-On command.

Variables:

`commandNamespace` (str) – The namespace of the Add-On command.

`commandName` (str) – The name of the Add-On command.

```
__init__(commandNamespace: str, commandName: str)
```

```
class archicad.releases.ac26.b3005types.AddOnCommandIdArrayItem(addOnCommandId:  
AddOnCommandId)
```

Bases: `_ACBaseType`

EMPTY STRING

Variables:

`addOnCommandId` (`AddOnCommandId`) – The identifier of an Add-On command.

```
__init__(addOnCommandId: AddOnCommandId)
```

```
class archicad.releases.ac26.b3005types.AddOnCommandParameters
```

Bases: `_ACBaseType`

The input parameters of an Add-On command.

```
__init__()
```

```
__weakref__
```

list of weak references to the object (if defined)

```
class archicad.releases.ac26.b3005types.AddOnCommandResponse
```

Bases: `_ACBaseType`

The response returned by an Add-On command.

`__init__()`

`__weakref__`

list of weak references to the object (if defined)

`class archicad.releases.ac26.b3005types.AttributeFolder(attributeType: str, path: List[str] | None = None, attributeFolderId: AttributeFolderId | None = None)`

Bases: `_ACBaseType`

Identifies an attribute folder. The path of the root folder is represented by empty array.

Variables:

`attributeType` (str) – The type of an attribute.

`path` (list of str, optional) – A list of attribute folder names. May be empty.

`attributeFolderId` (AttributeFolderId, optional) – The identifier of an attribute folder.

`__init__(attributeType: str, path: List[str] | None = None, attributeFolderId: AttributeFolderId | None = None)`

`class archicad.releases.ac26.b3005types.AttributeFolderContent(subfolders: List[AttributeFolder], attributelds: List[AttributeIdWrapperItem])`

Bases: `_ACBaseType`

An attribute folder content. Contains subfolders and attributes.

Variables:

`subfolders` (list of AttributeFolder) – A list of attribute folders.

`attributelds` (list of AttributeIdWrapperItem) – A list of attribute identifiers.

`__init__(subfolders: List[AttributeFolder], attributelds: List[AttributeIdWrapperItem])`

`class archicad.releases.ac26.b3005types.AttributeFolderId(guid: UUID)`

Bases: `_ACBaseType`

The identifier of an attribute folder.

Variables:

`guid` (UUID) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

`__init__(guid: UUID)`

`class archicad.releases.ac26.b3005types.AttributeHeader(attributeId: AttributeId, name: str)`

Bases: `_ACBaseType`

The header object of an attribute.

Variables:

attributeld (Attributeld) – The identifier of an attribute.

name (str) – The name of an attribute.

```
__init__(attributeld: Attributeld, name: str)
class archicad.releases.ac26.b3005types.Attributeld(guid: UUID)
Bases: _ACBaseType
```

The identifier of an attribute.

Variables:

guid (UUID) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

```
__init__(guid: UUID)
class archicad.releases.ac26.b3005types.AttributeldOrError(attributeld: Attributeld | None = None,
error: Error | None = None)
Bases: _ACUnionType
```

The attribute's identifier or an error.

Variables:

attributeld (Attributeld, optional) – The identifier of an attribute.

error (Error, optional) – The details of an error.

```
__init__(attributeld: Attributeld | None = None, error: Error | None = None)
static __new__(cls, attributeld: Attributeld | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.AttributeldWrapperItem(attributeld: Attributeld)
Bases: _ACBaseType
```

EMPTY STRING

Variables:

attributeld (Attributeld) – The identifier of an attribute.

```
__init__(attributeld: Attributeld)
class archicad.releases.ac26.b3005types.BoundingBox2D(xMin: float, yMin: float, xMax: float, yMax:
float)
Bases: _ACBaseType
```

The 2D bounding box of an element.

Variables:

xMin (float) – The minimum X value of the bounding box.

yMin (float) – The minimum Y value of the bounding box.

xMax (float) – The maximum X value of the bounding box.

yMax (float) – The maximum Y value of the bounding box.

__init__(xMin: float, yMin: float, xMax: float, yMax: float)

class archicad.releases.ac26.b3005types.BoundingBox2DOrError(boundingBox2D: BoundingBox2D | None = None, error: Error | None = None)

Bases: _ACUnionType

A 2D bounding box or an error.

Variables:

boundingBox2D (BoundingBox2D, optional) – The 2D bounding box of an element.

error (Error, optional) – The details of an error.

__init__(boundingBox2D: BoundingBox2D | None = None, error: Error | None = None)

static __new__(cls, boundingBox2D: BoundingBox2D | None = None, error: Error | None = None)

class archicad.releases.ac26.b3005types.BoundingBox2DWrapper(boundingBox2D: BoundingBox2D)

Bases: _ACBaseType

Variables:

boundingBox2D (BoundingBox2D) – The 2D bounding box of an element.

__init__(boundingBox2D: BoundingBox2D)

class archicad.releases.ac26.b3005types.BoundingBox3D(xMin: float, yMin: float, zMin: float, xMax: float, yMax: float, zMax: float)

Bases: _ACBaseType

A 3D bounding box of an element.

Variables:

xMin (float) – The minimum X value of the bounding box.

yMin (float) – The minimum Y value of the bounding box.

zMin (float) – The minimum Z value of the bounding box.

xMax (float) – The maximum X value of the bounding box.

yMax (float) – The maximum Y value of the bounding box.

zMax (float) – The maximum Z value of the bounding box.

__init__(xMin: float, yMin: float, zMin: float, xMax: float, yMax: float, zMax: float)

class archicad.releases.ac26.b3005types.BoundingBox3DOrError(boundingBox3D: BoundingBox3D | None = None, error: Error | None = None)

Bases: _ACUnionType

A 3D bounding box or an error.

Variables:

boundingBox3D (BoundingBox3D, optional) – A 3D bounding box of an element.

error (Error, optional) – The details of an error.

`__init__(boundingBox3D: BoundingBox3D | None = None, error: Error | None = None)`

`static __new__(cls, boundingBox3D: BoundingBox3D | None = None, error: Error | None = None)`

`class archicad.releases.ac26.b3005types.BoundingBox3DWrapper(boundingBox3D: BoundingBox3D)`

Bases: `_ACBaseType`

Variables:

boundingBox3D (BoundingBox3D) – A 3D bounding box of an element.

`__init__(boundingBox3D: BoundingBox3D)`

`class archicad.releases.ac26.b3005types.BuildingMaterialAttribute(attributeld: Attributeld, name: str, id:`

`str, connectionPriority: int, cutFillId: AttributeldOrError, cutFillPenIndex: int, cutSurfaceId:`

`AttributeldOrError)`

Bases: `_ACBaseType`

A building material attribute

Variables:

attributeld (Attributeld) – The identifier of an attribute.

name (str) – The name of an attribute.

id (str) – The id of the building material.

connectionPriority (int) – The connection priority of the building material.

cutFillId (AttributeldOrError) – The attribute's identifier or an error.

cutFillPenIndex (int) – The index number of a pen.

cutSurfaceId (AttributeldOrError) – The attribute's identifier or an error.

`__init__(attributeld: Attributeld, name: str, id: str, connectionPriority: int, cutFillId: AttributeldOrError,`

`cutFillPenIndex: int, cutSurfaceId: AttributeldOrError)`

`class archicad.releases.ac26.b3005types.BuildingMaterialAttributeOrError(buildingMaterialAttribute:`

`BuildingMaterialAttribute | None = None, error: Error | None = None)`

Bases: `_ACUnionType`

A building material attribute or an error.

Variables:

buildingMaterialAttribute (BuildingMaterialAttribute, optional) – A building material attribute

error (Error, optional) – The details of an error.

```
__init__(buildingMaterialAttribute: BuildingMaterialAttribute | None = None, error: Error | None = None)
static __new__(cls, buildingMaterialAttribute: BuildingMaterialAttribute | None = None, error: Error |
None = None)
class archicad.releases.ac26.b3005types.BuildingMaterialAttributeWrapper(buildingMaterialAttribute:
BuildingMaterialAttribute)
Bases: _ACBaseType
```

Variables:

buildingMaterialAttribute (BuildingMaterialAttribute) – A building material attribute

```
__init__(buildingMaterialAttribute: BuildingMaterialAttribute)
class archicad.releases.ac26.b3005types.BuiltInContainerNavigatorItem(navigatorItemId:
NavigatorItemId, prefix: str, name: str, contentIds: List[NavigatorItemIdWrapper])
Bases: _ACBaseType
```

The details of a built-in container navigator item.

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

prefix (str) – The prefix of the navigator item's name.

name (str) – The name of the navigator item.

contentIds (list of NavigatorItemIdWrapper) – A list of navigator item identifiers.

```
__init__(navigatorItemId: NavigatorItemId, prefix: str, name: str, contentIds:
List[NavigatorItemIdWrapper])
class
archicad.releases.ac26.b3005types.BuiltInContainerNavigatorItemOrError(builtInContainerNavigatorIte
m: BuiltInContainerNavigatorItem | None = None, error: Error | None = None)
Bases: _ACUnionType
```

Contains a built-in container navigator item or an error.

Variables:

builtInContainerNavigatorItem (BuiltInContainerNavigatorItem, optional) – The details of a built-in container navigator item.

error (Error, optional) – The details of an error.

```
__init__(builtInContainerNavigatorItem: BuiltInContainerNavigatorItem | None = None, error: Error |
None = None)
static __new__(cls, builtInContainerNavigatorItem: BuiltInContainerNavigatorItem | None = None, error:
Error | None = None)
class
```

archicad.releases.ac26.b3005types.BuiltInContainerNavigatorItemWrapper(builtInContainerNavigatorItem: BuiltInContainerNavigatorItem)

Bases: `_ACBaseType`

Variables:

`builtInContainerNavigatorItem` (`BuiltInContainerNavigatorItem`) – The details of a built-in container navigator item.

`__init__`(`builtInContainerNavigatorItem`: `BuiltInContainerNavigatorItem`)

class `archicad.releases.ac26.b3005types.BuiltInPropertyUserId`(`nonLocalizedName`: str, `type`: str = 'BuiltIn')

Bases: `_ACBaseType`

The unique identifier of a Built-In Property, identified by its name.

Variables:

`nonLocalizedName` (str) – The non-localized name of the Built-In Property.

`type` (str) – EMPTY STRING

`__init__`(`nonLocalizedName`: str, `type`: str = 'BuiltIn')

class `archicad.releases.ac26.b3005types.ClassificationId`(`classificationSystemId`: `ClassificationSystemId`, `classificationItemId`: `ClassificationItemId` | None = None)

Bases: `_ACBaseType`

The element classification identifier.

Variables:

`classificationSystemId` (`ClassificationSystemId`) – The identifier of a classification system.

`classificationItemId` (`ClassificationItemId`, optional) – The identifier of a classification item.

`__init__`(`classificationSystemId`: `ClassificationSystemId`, `classificationItemId`: `ClassificationItemId` | None = None)

class `archicad.releases.ac26.b3005types.ClassificationIdOrError`(`classificationId`: `ClassificationId` | None = None, `error`: `Error` | None = None)

Bases: `_ACUnionType`

A classification identifier or an error.

Variables:

`classificationId` (`ClassificationId`, optional) – The element classification identifier.

`error` (`Error`, optional) – The details of an error.

`__init__`(`classificationId`: `ClassificationId` | None = None, `error`: `Error` | None = None)

static `__new__`(`cls`, `classificationId`: `ClassificationId` | None = None, `error`: `Error` | None = None)

class `archicad.releases.ac26.b3005types.ClassificationIdWrapper`(`classificationId`: `ClassificationId`)

Bases: `_ACBaseType`

Variables:

classificationId (ClassificationId) – The element classification identifier.

__init__(classificationId: ClassificationId)

class archicad.releases.ac26.b3005types.ClassificationIdsOrErrorsWrapper(classificationIds: List[ClassificationIdOrError])

Bases: _ACBaseType

Variables:

classificationIds (list of ClassificationIdOrError) – A list of element classification identifiers or errors.

__init__(classificationIds: List[ClassificationIdOrError])

class archicad.releases.ac26.b3005types.ClassificationItemArrayItem(classificationItem: ClassificationItemInTree_)

Bases: _ACBaseType

EMPTY STRING

Variables:

classificationItem (ClassificationItemInTree_) – The details of a classification item.

__init__(classificationItem: ClassificationItemInTree_)

class archicad.releases.ac26.b3005types.ClassificationItemAvailability(classificationItemId: ClassificationItemId, availableProperties: List[PropertyIdArrayItem])

Bases: _ACBaseType

Contains the ids of property definitions available for the given classification item.

Variables:

classificationItemId (ClassificationItemId) – The identifier of a classification item.

availableProperties (list of PropertyIdArrayItem) – A list of property identifiers.

__init__(classificationItemId: ClassificationItemId, availableProperties: List[PropertyIdArrayItem])

class

archicad.releases.ac26.b3005types.ClassificationItemAvailabilityOrError(classificationItemAvailability: ClassificationItemAvailability | None = None, error: Error | None = None)

Bases: _ACUnionType

Contains the ids of property definitions available for the given classification item or error.

Variables:

classificationItemAvailability (ClassificationItemAvailability, optional) – Contains the ids of property definitions available for the given classification item.

error (Error, optional) – The details of an error.

__init__(classificationItemAvailability: ClassificationItemAvailability | None = None, error: Error | None = None)

```
static __new__(cls, classificationItemAvailability: ClassificationItemAvailability | None = None, error: Error | None = None)
```

```
class
```

```
archicad.releases.ac26.b3005types.ClassificationItemAvailabilityWrapper(classificationItemAvailability: ClassificationItemAvailability)
```

```
Bases: _ACBaseType
```

Variables:

classificationItemAvailability (ClassificationItemAvailability) – Contains the ids of property definitions available for the given classification item.

```
__init__(classificationItemAvailability: ClassificationItemAvailability)
```

```
class archicad.releases.ac26.b3005types.ClassificationItemDetails(classificationItemId: ClassificationItemId, id: str, name: str, description: str)
```

```
Bases: _ACBaseType
```

The details of a classification item.

Variables:

classificationItemId (ClassificationItemId) – The identifier of a classification item.

id (str) – The unique identifier of the classification item as specified by the user.

name (str) – The display name of the classification item.

description (str) – The description of the classification item.

```
__init__(classificationItemId: ClassificationItemId, id: str, name: str, description: str)
```

```
class archicad.releases.ac26.b3005types.ClassificationItemDetailsWrapper(classificationItem: ClassificationItemDetails)
```

```
Bases: _ACBaseType
```

Variables:

classificationItem (ClassificationItemDetails) – The details of a classification item.

```
__init__(classificationItem: ClassificationItemDetails)
```

```
class archicad.releases.ac26.b3005types.ClassificationItemId(guid: UUID)
```

```
Bases: _ACBaseType
```

The identifier of a classification item.

Variables:

guid (UUID) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

```
__init__(guid: UUID)
```

```
class archicad.releases.ac26.b3005types.ClassificationItemIdArrayItem(classificationItemId:
```

ClassificationItemId)
Bases: _ACBaseType

EMPTY STRING

Variables:

classificationItemId (ClassificationItemId) – The identifier of a classification item.

__init__(classificationItemId: ClassificationItemId)

class archicad.releases.ac26.b3005types.ClassificationItemInTree(classificationItemId: ClassificationItemId, id: str, name: str, description: str, children: List[ClassificationItemArrayItem] | None = None)

Bases: _ACBaseType

The details of a classification item.

Variables:

classificationItemId (ClassificationItemId) – The identifier of a classification item.

id (str) – The unique identifier of the classification item as specified by the user.

name (str) – The display name of the classification item.

description (str) – The description of the classification item.

children (list of ClassificationItemArrayItem, optional) – A list of classification items.

__init__(classificationItemId: ClassificationItemId, id: str, name: str, description: str, children: List[ClassificationItemArrayItem] | None = None)

archicad.releases.ac26.b3005types.ClassificationItemInTree_

alias of ClassificationItemInTree

class archicad.releases.ac26.b3005types.ClassificationItemOrError(classificationItem: ClassificationItemDetails | None = None, error: Error | None = None)

Bases: _ACUnionType

A classification item or an error.

Variables:

classificationItem (ClassificationItemDetails, optional) – The details of a classification item.

error (Error, optional) – The details of an error.

__init__(classificationItem: ClassificationItemDetails | None = None, error: Error | None = None)

static __new__(cls, classificationItem: ClassificationItemDetails | None = None, error: Error | None = None)

class archicad.releases.ac26.b3005types.ClassificationSystem(classificationSystemId: ClassificationSystemId, name: str, description: str, source: str, version: str, date: str)

Bases: _ACBaseType

The details of a classification system.

Variables:

classificationSystemId (ClassificationSystemId) – The identifier of a classification system.

name (str) – The display name of the classification system.

description (str) – The description of the classification system.

source (str) – The source of the classification system (e.g. URL to a classification system standard).

version (str) – The version of the classification system.

date (str) – A date in its string representation as defined in ISO 8601: YYYY-MM-DD.

```
__init__(classificationSystemId: ClassificationSystemId, name: str, description: str, source: str, version: str, date: str)
```

```
class archicad.releases.ac26.b3005types.ClassificationSystemId(guid: UUID)
```

```
Bases: _ACBaseType
```

The identifier of a classification system.

Variables:

guid (UUID) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

```
__init__(guid: UUID)
```

```
class archicad.releases.ac26.b3005types.ClassificationSystemIdArrayItem(classificationSystemId: ClassificationSystemId)
```

```
Bases: _ACBaseType
```

EMPTY STRING

Variables:

classificationSystemId (ClassificationSystemId) – The identifier of a classification system.

```
__init__(classificationSystemId: ClassificationSystemId)
```

```
class archicad.releases.ac26.b3005types.ClassificationSystemOrError(classificationSystem: ClassificationSystem | None = None, error: Error | None = None)
```

```
Bases: _ACUnionType
```

Contains a classification system or error.

Variables:

classificationSystem (ClassificationSystem, optional) – The details of a classification system.

error (Error, optional) – The details of an error.

```
__init__(classificationSystem: ClassificationSystem | None = None, error: Error | None = None)
static __new__(cls, classificationSystem: ClassificationSystem | None = None, error: Error | None = None)
```

```
class archicad.releases.ac26.b3005types.ClassificationSystemWrapper(classificationSystem: ClassificationSystem)
```

Bases: `_ACBaseType`

Variables:

`classificationSystem` (`ClassificationSystem`) – The details of a classification system.

```
__init__(classificationSystem: ClassificationSystem)
```

```
class archicad.releases.ac26.b3005types.ComponentId(guid: UUID)
```

Bases: `_ACBaseType`

The identifier of a component.

Variables:

`guid` (`UUID`) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

```
__init__(guid: UUID)
```

```
class archicad.releases.ac26.b3005types.CompositeAttribute(attributeId: AttributeId, name: str, totalThickness: float, compositeSkins: List[CompositeSkinListItem], compositeLines: List[CompositeLineListItem], useWith: List[str])
```

Bases: `_ACBaseType`

A composite attribute.

Variables:

`attributeId` (`AttributeId`) – The identifier of an attribute.

`name` (`str`) – The name of an attribute.

`totalThickness` (`float`) – The total thickness of the composite.

`compositeSkins` (list of `CompositeSkinListItem`) – A list of composite skins.

`compositeLines` (list of `CompositeLineListItem`) – A list of contour/separator lines for the composite.

`useWith` (list of `str`) – A list of element types.

```
__init__(attributeId: AttributeId, name: str, totalThickness: float, compositeSkins:
```

```
List[CompositeSkinListItem], compositeLines: List[CompositeLineListItem], useWith: List[str])
```

```
class archicad.releases.ac26.b3005types.CompositeAttributeOrError(compositeAttribute:
```

```
CompositeAttribute | None = None, error: Error | None = None)
```

Bases: `_ACUnionType`

A composite attribute or an error.

Variables:

compositeAttribute (CompositeAttribute, optional) – A composite attribute.

error (Error, optional) – The details of an error.

```
__init__(compositeAttribute: CompositeAttribute | None = None, error: Error | None = None)
static __new__(cls, compositeAttribute: CompositeAttribute | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.CompositeAttributeWrapper(compositeAttribute:
CompositeAttribute)
Bases: _ACBaseType
```

Variables:

compositeAttribute (CompositeAttribute) – A composite attribute.

```
__init__(compositeAttribute: CompositeAttribute)
class archicad.releases.ac26.b3005types.CompositeLine(lineId: AttributeIdOrError, linePenIndex: int |
None = None)
Bases: _ACBaseType
```

A contour or separator line component for a composite attribute.

Variables:

lineId (AttributeIdOrError) – The attribute's identifier or an error.

linePenIndex (int, optional) – The index number of a pen.

```
__init__(lineId: AttributeIdOrError, linePenIndex: int | None = None)
class archicad.releases.ac26.b3005types.CompositeListItem(compositeLine: CompositeLine)
Bases: _ACBaseType
```

EMPTY STRING

Variables:

compositeLine (CompositeLine) – A contour or separator line component for a composite attribute.

```
__init__(compositeLine: CompositeLine)
class archicad.releases.ac26.b3005types.CompositeSkin(buildingMaterialId: AttributeIdOrError,
thickness: float, isCore: bool, isFinish: bool, framePenIndex: int | None = None)
Bases: _ACBaseType
```

A skin component for a composite attribute.

Variables:

buildingMaterialId (AttributeIdOrError) – The attribute's identifier or an error.

thickness (float) – The thickness of the composite skin.

isCore (bool) – Defines whether the composite skin is part of the core or not.

isFinish (bool) – Defines whether the composite skin is part of the finish or not.

framePenIndex (int, optional) – The index number of a pen.

```
__init__(buildingMaterialId: AttributeIdOrError, thickness: float, isCore: bool, isFinish: bool,  
framePenIndex: int | None = None)
```

```
class archicad.releases.ac26.b3005types.CompositeSkinListItem(compositeSkin: CompositeSkin)  
Bases: _ACBaseType
```

EMPTY STRING

Variables:

compositeSkin (CompositeSkin) – A skin component for a composite attribute.

```
__init__(compositeSkin: CompositeSkin)
```

```
class archicad.releases.ac26.b3005types.DashItem(dash: float, gap: float)
```

```
Bases: _ACBaseType
```

A dash item.

Variables:

dash (float) – The length of the dash.

gap (float) – The length of the gap.

```
__init__(dash: float, gap: float)
```

```
class archicad.releases.ac26.b3005types.DashItemWrapper(dashItem: DashItem)
```

```
Bases: _ACBaseType
```

Variables:

dashItem (DashItem) – A dash item.

```
__init__(dashItem: DashItem)
```

```
class archicad.releases.ac26.b3005types.DashOrLineItem(dashItem: DashItem | None = None,  
lineItem: LineItem | None = None)
```

```
Bases: _ACUnionType
```

A dash or line item.

Variables:

dashItem (DashItem, optional) – A dash item.

lineItem (LineItem, optional) – A line item.

```
__init__(dashItem: DashItem | None = None, lineItem: LineItem | None = None)
```

```
static __new__(cls, dashItem: DashItem | None = None, lineItem: LineItem | None = None)
```

```
class archicad.releases.ac26.b3005types.DetailNavigatorItem(navigatorItemId: NavigatorItemId, prefix:  
str, name: str)
```

```
Bases: _ACBaseType
```

The details of a detail navigator item.

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

prefix (str) – The prefix of the navigator item's name.

name (str) – The name of the navigator item.

```
__init__(navigatorItemId: NavigatorItemId, prefix: str, name: str)
class archicad.releases.ac26.b3005types.DetailNavigatorItemOrError(detailNavigatorItem:
DetailNavigatorItem | None = None, error: Error | None = None)
Bases: _ACUnionType
```

Contains a detail navigator item or an error.

Variables:

detailNavigatorItem (DetailNavigatorItem, optional) – The details of a detail navigator item.

error (Error, optional) – The details of an error.

```
__init__(detailNavigatorItem: DetailNavigatorItem | None = None, error: Error | None = None)
static __new__(cls, detailNavigatorItem: DetailNavigatorItem | None = None, error: Error | None =
None)
class archicad.releases.ac26.b3005types.DetailNavigatorItemWrapper(detailNavigatorItem:
DetailNavigatorItem)
Bases: _ACBaseType
```

Variables:

detailNavigatorItem (DetailNavigatorItem) – The details of a detail navigator item.

```
__init__(detailNavigatorItem: DetailNavigatorItem)
class archicad.releases.ac26.b3005types.DisplayValueEnumId(displayValue: str, type: str =
'displayValue')
Bases: _ACBaseType
```

An enumeration value identifier using the displayed value.

Variables:

displayValue (str) – EMPTY STRING

type (str) – EMPTY STRING

```
__init__(displayValue: str, type: str = 'displayValue')
class archicad.releases.ac26.b3005types.Document3DNavigatorItem(navigatorItemId: NavigatorItemId,
prefix: str, name: str)
Bases: _ACBaseType
```

The details of a 3D document navigator item.

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

prefix (str) – The prefix of the navigator item's name.

name (str) – The name of the navigator item.

`__init__(navigatorItemId: NavigatorItemId, prefix: str, name: str)`

class

`archicad.releases.ac26.b3005types.Document3DNavigatorItemOrError(document3DNavigatorItem: Document3DNavigatorItem | None = None, error: Error | None = None)`

Bases: `_ACUnionType`

Contains a 3D document navigator item or an error.

Variables:

document3DNavigatorItem (Document3DNavigatorItem, optional) – The details of a 3D document navigator item.

error (Error, optional) – The details of an error.

`__init__(document3DNavigatorItem: Document3DNavigatorItem | None = None, error: Error | None = None)`

`static __new__(cls, document3DNavigatorItem: Document3DNavigatorItem | None = None, error: Error | None = None)`

class

`archicad.releases.ac26.b3005types.Document3DNavigatorItemWrapper(document3DNavigatorItem: Document3DNavigatorItem)`

Bases: `_ACBaseType`

Variables:

document3DNavigatorItem (Document3DNavigatorItem) – The details of a 3D document navigator item.

`__init__(document3DNavigatorItem: Document3DNavigatorItem)`

class `archicad.releases.ac26.b3005types.ElementClassification(elementId: ElementId, classificationId: ClassificationId)`

Bases: `_ACBaseType`

The classification of an element.

Variables:

elementId (ElementId) – The identifier of an element.

classificationId (ClassificationId) – The element classification identifier.

`__init__(elementId: ElementId, classificationId: ClassificationId)`

class `archicad.releases.ac26.b3005types.ElementClassificationOrError(classificationIds:`

```
List[ClassificationIdOrError] | None = None, error: Error | None = None)
```

```
Bases: _ACUnionType
```

Element classification identifiers or errors.

Variables:

classificationIds (list of ClassificationIdOrError, optional) – A list of element classification identifiers or errors.

error (Error, optional) – The details of an error.

```
__init__(classificationIds: List[ClassificationIdOrError] | None = None, error: Error | None = None)
```

```
static __new__(cls, classificationIds: List[ClassificationIdOrError] | None = None, error: Error | None = None)
```

```
class archicad.releases.ac26.b3005types.ElementComponentId(elementId: ElementId, componentId: ComponentId)
```

```
Bases: _ACBaseType
```

The identifier of an element's component.

Variables:

elementId (ElementId) – The identifier of an element.

componentId (ComponentId) – The identifier of a component.

```
__init__(elementId: ElementId, componentId: ComponentId)
```

```
class archicad.releases.ac26.b3005types.ElementComponentIdArrayItem(elementComponentId: ElementComponentId)
```

```
Bases: _ACBaseType
```

An item of a component array.

Variables:

elementComponentId (ElementComponentId) – The identifier of an element's component.

```
__init__(elementComponentId: ElementComponentId)
```

```
class archicad.releases.ac26.b3005types.ElementComponentsOrError(elementComponents: List[ElementComponentIdArrayItem] | None = None, error: Error | None = None)
```

```
Bases: _ACUnionType
```

List of components or error.

Variables:

elementComponents (list of ElementComponentIdArrayItem, optional) – List of components of elements.

error (Error, optional) – The details of an error.

```
__init__(elementComponents: List[ElementComponentIdArrayItem] | None = None, error: Error | None = None)
```

```
static __new__(cls, elementComponents: List[ElementComponentIdArrayItem] | None = None, error: Error | None = None)
```

```
class archicad.releases.ac26.b3005types.ElementComponentsWrapper(elementComponents: List[ElementComponentIdArrayItem])
```

Bases: `_ACBaseType`

List of components.

Variables:

`elementComponents` (list of `ElementComponentIdArrayItem`) – List of components of elements.

```
__init__(elementComponents: List[ElementComponentIdArrayItem])
```

```
class archicad.releases.ac26.b3005types.ElementId(guid: UUID)
```

Bases: `_ACBaseType`

The identifier of an element.

Variables:

`guid` (UUID) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

```
__init__(guid: UUID)
```

```
class archicad.releases.ac26.b3005types.ElementIdArrayItem(elementId: ElementId)
```

Bases: `_ACBaseType`

EMPTY STRING

Variables:

`elementId` (`ElementId`) – The identifier of an element.

```
__init__(elementId: ElementId)
```

```
class archicad.releases.ac26.b3005types.ElementPropertyValue(elementId: ElementId, propertyId: PropertyId, propertyValue: NormalOrUserUndefinedPropertyValue)
```

Bases: `_ACBaseType`

A property value with the identifiers of the property and its owner element.

Variables:

`elementId` (`ElementId`) – The identifier of an element.

`propertyId` (`PropertyId`) – The identifier of a property.

`propertyValue` (`NormalOrUserUndefinedPropertyValue`) – A normal or a userUndefined property value.

```
__init__(elementId: ElementId, propertyId: PropertyId, propertyValue: NormalOrUserUndefinedPropertyValue)
```

```
class archicad.releases.ac26.b3005types.ElementsOrError(elements: List[ElementIdArrayItem] | None = None, error: Error | None = None)
```

Bases: `_ACUnionType`

A list of elements or an error.

Variables:

elements (list of ElementIdArrayItem, optional) – A list of elements.

error (Error, optional) – The details of an error.

```
__init__(elements: List[ElementIdArrayItem] | None = None, error: Error | None = None)
static __new__(cls, elements: List[ElementIdArrayItem] | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.ElementsWrapper(elements: List[ElementIdArrayItem])
Bases: _ACBaseType
```

A wrapper for a list of elements.

Variables:

elements (list of ElementIdArrayItem) – A list of elements.

```
__init__(elements: List[ElementIdArrayItem])
class archicad.releases.ac26.b3005types.ElevationNavigatorItem(navigatorItemId: NavigatorItemId,
prefix: str, name: str)
Bases: _ACBaseType
```

The details of an elevation navigator item.

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

prefix (str) – The prefix of the navigator item's name.

name (str) – The name of the navigator item.

```
__init__(navigatorItemId: NavigatorItemId, prefix: str, name: str)
class archicad.releases.ac26.b3005types.ElevationNavigatorItemOrError(elevationNavigatorItem:
ElevationNavigatorItem | None = None, error: Error | None = None)
Bases: _ACUnionType
```

Contains an elevation navigator item or an error.

Variables:

elevationNavigatorItem (ElevationNavigatorItem, optional) – The details of an elevation navigator item.

error (Error, optional) – The details of an error.

```
__init__(elevationNavigatorItem: ElevationNavigatorItem | None = None, error: Error | None = None)
static __new__(cls, elevationNavigatorItem: ElevationNavigatorItem | None = None, error: Error | None
= None)
class archicad.releases.ac26.b3005types.ElevationNavigatorItemWrapper(elevationNavigatorItem:
ElevationNavigatorItem)
Bases: _ACBaseType
```

Variables:

elevationNavigatorItem (ElevationNavigatorItem) – The details of an elevation navigator item.

__init__(elevationNavigatorItem: ElevationNavigatorItem)

class archicad.releases.ac26.b3005types.EnumValueId(type: str, displayValue: str | None = None, nonLocalizedValue: str | None = None)

Bases: _ACUnionType

The identifier of a property enumeration value.

Variables:

type (str) – None

displayValue (str, optional) – EMPTY STRING

nonLocalizedValue (str, optional) – EMPTY STRING

__init__(type: str, displayValue: str | None = None, nonLocalizedValue: str | None = None)

static __new__(cls, type: str, displayValue: str | None = None, nonLocalizedValue: str | None = None)

class archicad.releases.ac26.b3005types.EnumValueIdWrapper(enumValueId: EnumValueId)

Bases: _ACBaseType

Variables:

enumValueId (EnumValueId) – The identifier of a property enumeration value.

__init__(enumValueId: EnumValueId)

class archicad.releases.ac26.b3005types.Error(code: int, message: str)

Bases: _ACBaseType

The details of an error.

Variables:

code (int) – The code of the error.

message (str) – The error message.

__init__(code: int, message: str)

class archicad.releases.ac26.b3005types.ErrorItem(error: Error)

Bases: _ACBaseType

EMPTY STRING

Variables:

error (Error) – The details of an error.

__init__(error: Error)

class archicad.releases.ac26.b3005types.ExecutionResult(success: bool, error: Error | None = None)

Bases: _ACUnionType

The result of the execution.

Variables:

success (bool) – None

error (Error, optional) – The details of an error.

__init__(success: bool, error: Error | None = None)

static __new__(cls, success: bool, error: Error | None = None)

class archicad.releases.ac26.b3005types.FailedExecutionResult(success: bool, error: Error)

Bases: _ACBaseType

The result of a failed execution.

Variables:

success (bool) – EMPTY STRING

error (Error) – The details of an error.

__init__(success: bool, error: Error)

class archicad.releases.ac26.b3005types.FillAttribute(attributeld: Attributeld, name: str, subType: str, pattern: int, appearanceType: str)

Bases: _ACBaseType

A fill attribute.

Variables:

attributeld (Attributeld) – The identifier of an attribute.

name (str) – The name of an attribute.

subType (str) – The filling type of a fill attribute.

pattern (int) – The pattern of the fill attribute, stored in a 64 bit unsigned integer, and represented as an 8x8 matrix. Each byte in the value is a row, and the bits are the columns of the matrix.

appearanceType (str) – The appearance type of a line or fill attribute.

__init__(attributeld: Attributeld, name: str, subType: str, pattern: int, appearanceType: str)

class archicad.releases.ac26.b3005types.FillAttributeOrError(fillAttribute: FillAttribute | None = None, error: Error | None = None)

Bases: _ACUnionType

A fill attribute or an error.

Variables:

fillAttribute (FillAttribute, optional) – A fill attribute.

error (Error, optional) – The details of an error.

```
__init__(fillAttribute: FillAttribute | None = None, error: Error | None = None)
static __new__(cls, fillAttribute: FillAttribute | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.FillAttributeWrapper(fillAttribute: FillAttribute)
Bases: _ACBaseType
```

Variables:

fillAttribute (FillAttribute) – A fill attribute.

```
__init__(fillAttribute: FillAttribute)
class archicad.releases.ac26.b3005types.FolderParameters(name: str)
Bases: _ACBaseType
```

The parameters of a folder.

Variables:

name (str) – The name of the folder.

```
__init__(name: str)
class archicad.releases.ac26.b3005types.GeneralNavigatorItemData(navigatorItemId: NavigatorItemId,
prefix: str, name: str)
Bases: _ACBaseType
```

The common data of a navigator item.

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

prefix (str) – The prefix of the navigator item's name.

name (str) – The name of the navigator item.

```
__init__(navigatorItemId: NavigatorItemId, prefix: str, name: str)
class archicad.releases.ac26.b3005types.Image(content: str)
Bases: _ACBaseType
```

An image encoded as a Base64 string.

Variables:

content (str) – The image content as a string .

```
__init__(content: str)
class archicad.releases.ac26.b3005types.ImageOrError(image: Image | None = None, error: Error |
None = None)
Bases: _ACUnionType
```

An image or an error.

Variables:

image (Image, optional) – An image encoded as a Base64 string.

error (Error, optional) – The details of an error.

```
__init__(image: Image | None = None, error: Error | None = None)
static __new__(cls, image: Image | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.ImageWrapper(image: Image)
Bases: _ACBaseType
```

Variables:

image (Image) – An image encoded as a Base64 string.

```
__init__(image: Image)
class archicad.releases.ac26.b3005types.InteriorElevationNavigatorItem(navigatorItemId:
NavigatorItemId, prefix: str, name: str)
Bases: _ACBaseType
```

The details of an interior elevation navigator item.

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

prefix (str) – The prefix of the navigator item's name.

name (str) – The name of the navigator item.

```
__init__(navigatorItemId: NavigatorItemId, prefix: str, name: str)
class
archicad.releases.ac26.b3005types.InteriorElevationNavigatorItemOrError(interiorElevationNavigatorItem: InteriorElevationNavigatorItem | None = None, error: Error | None = None)
Bases: _ACUnionType
```

Contains an interior elevation navigator item or an error.

Variables:

interiorElevationNavigatorItem (InteriorElevationNavigatorItem, optional) – The details of an interior elevation navigator item.

error (Error, optional) – The details of an error.

```
__init__(interiorElevationNavigatorItem: InteriorElevationNavigatorItem | None = None, error: Error | None = None)
static __new__(cls, interiorElevationNavigatorItem: InteriorElevationNavigatorItem | None = None, error: Error | None = None)
class
archicad.releases.ac26.b3005types.InteriorElevationNavigatorItemWrapper(interiorElevationNavigatorItem: InteriorElevationNavigatorItem)
Bases: _ACBaseType
```


Variables:

interiorElevationNavigatorItem (InteriorElevationNavigatorItem) – The details of an interior elevation navigator item.

```
__init__(interiorElevationNavigatorItem: InteriorElevationNavigatorItem)
```

```
class archicad.releases.ac26.b3005types.LayerAttribute(attributeld: Attributeld, name: str,  
intersectionGroupNr: int, isLocked: bool, isHidden: bool, isWireframe: bool)
```

```
Bases: _ACBaseType
```

A layer attribute

Variables:

attributeld (Attributeld) – The identifier of an attribute.

name (str) – The name of an attribute.

intersectionGroupNr (int) – The intersection group number

isLocked (bool) – Defines whether the layer is locked or not.

isHidden (bool) – Defines whether the layer is hidden or not.

isWireframe (bool) – Defines whether the elements placed on this layer are visible as wireframes or a solid model.

```
__init__(attributeld: Attributeld, name: str, intersectionGroupNr: int, isLocked: bool, isHidden: bool,  
isWireframe: bool)
```

```
class archicad.releases.ac26.b3005types.LayerAttributeOrError(layerAttribute: LayerAttribute | None =  
None, error: Error | None = None)
```

```
Bases: _ACUnionType
```

A layer attribute or an error.

Variables:

layerAttribute (LayerAttribute, optional) – A layer attribute

error (Error, optional) – The details of an error.

```
__init__(layerAttribute: LayerAttribute | None = None, error: Error | None = None)
```

```
static __new__(cls, layerAttribute: LayerAttribute | None = None, error: Error | None = None)
```

```
class archicad.releases.ac26.b3005types.LayerAttributeWrapper(layerAttribute: LayerAttribute)
```

```
Bases: _ACBaseType
```

Variables:

layerAttribute (LayerAttribute) – A layer attribute

```
__init__(layerAttribute: LayerAttribute)
```

```
class archicad.releases.ac26.b3005types.LayerCombinationAttribute(attributeld: Attributeld, name: str,
```

layerAttributelds: List[AttributeldWrapperItem])

Bases: _ACBaseType

A layer combination attribute

Variables:

attributeld (Attributeld) – The identifier of an attribute.

name (str) – The name of an attribute.

layerAttributelds (list of AttributeldWrapperItem) – A list of attribute identifiers.

__init__(attributeld: Attributeld, name: str, layerAttributelds: List[AttributeldWrapperItem])

class

archicad.releases.ac26.b3005types.LayerCombinationAttributeOrError(layerCombinationAttribute: LayerCombinationAttribute | None = None, error: Error | None = None)

Bases: _ACUnionType

A layer combination attribute or an error.

Variables:

layerCombinationAttribute (LayerCombinationAttribute, optional) – A layer combination attribute

error (Error, optional) – The details of an error.

__init__(layerCombinationAttribute: LayerCombinationAttribute | None = None, error: Error | None = None)

static __new__(cls, layerCombinationAttribute: LayerCombinationAttribute | None = None, error: Error | None = None)

class

archicad.releases.ac26.b3005types.LayerCombinationAttributeWrapper(layerCombinationAttribute: LayerCombinationAttribute)

Bases: _ACBaseType

Variables:

layerCombinationAttribute (LayerCombinationAttribute) – A layer combination attribute

__init__(layerCombinationAttribute: LayerCombinationAttribute)

class archicad.releases.ac26.b3005types.LayoutParameters(horizontalSize: float, verticalSize: float, leftMargin: float, topMargin: float, rightMargin: float, bottomMargin: float, customLayoutNumber: str, customLayoutNumbering: bool, doNotIncludeInNumbering: bool, displayMasterLayoutBelow: bool, layoutPageNumber: int, actPageIndex: int, currentRevisionId: str, currentFinalRevisionId: str, hasIssuedRevision: bool, hasActualRevision: bool)

Bases: _ACBaseType

The parameters of the layout.

Variables:

horizontalSize (float) – The horizontal size of the layout in millimeters.

verticalSize (float) – The vertical size of the layout in millimeters.

leftMargin (float) – The layout margin from the left side of the paper.

topMargin (float) – The layout margin from the top side of the paper.

rightMargin (float) – The layout margin from the right side of the paper.

bottomMargin (float) – The layout margin from the bottom side of the paper.

customLayoutNumber (str) – The custom ID.

customLayoutNumbering (bool) – Defines whether a unique ID is used for the current layout or not.

doNotIncludeInNumbering (bool) – Defines whether this layout is included in automatic ID assignment or not.

displayMasterLayoutBelow (bool) – Defines whether to display the master layout above or below the layout.

layoutPageNumber (int) – The page number of layout when this layout contains multi-page drawings.

actPageIndex (int) – The actual index of layout inside the multi-page layout.

currentRevisionId (str) – The ID of the current document revision of the layout.

currentFinalRevisionId (str) – The ID with optional suffix of the current document revision of the layout.

hasIssuedRevision (bool) – Defines whether one or more issued document revisions have already been created for the layout or not.

hasActualRevision (bool) – Defines whether an open document revision exists for the layout or not.

```
__init__(horizontalSize: float, verticalSize: float, leftMargin: float, topMargin: float, rightMargin: float,
bottomMargin: float, customLayoutNumber: str, customLayoutNumbering: bool,
doNotIncludeInNumbering: bool, displayMasterLayoutBelow: bool, layoutPageNumber: int,
actPageIndex: int, currentRevisionId: str, currentFinalRevisionId: str, hasIssuedRevision: bool,
hasActualRevision: bool)
```

```
class archicad.releases.ac26.b3005types.LineAttribute(attributeld: Attributeld, name: str,
appearanceType: str, displayScale: float, period: float, height: float, lineType: str, lineltems:
List[DashOrLineItem] | None = None)
```

Bases: `_ACBaseType`

A line attribute

Variables:

attributeld (Attributeld) – The identifier of an attribute.

name (str) – The name of an attribute.

appearanceType (str) – The appearance type of a line or fill attribute.

displayScale (float) – The original scale of the line.

period (float) – The length of the dashed or symbol line's period.

height (float) – The height of the symbol line.

lineType (str) – The type of a line attribute.

lineltems (list of DashOrLineItem, optional) – A list of dash or line items.

```
__init__(attributeld: Attributeld, name: str, appearanceType: str, displayScale: float, period: float, height: float, lineType: str, lineltems: List[DashOrLineItem] | None = None)
```

```
class archicad.releases.ac26.b3005types.LineAttributeOrError(lineAttribute: LineAttribute | None = None, error: Error | None = None)
```

Bases: `_ACUnionType`

A line attribute or an error.

Variables:

lineAttribute (LineAttribute, optional) – A line attribute

error (Error, optional) – The details of an error.

```
__init__(lineAttribute: LineAttribute | None = None, error: Error | None = None)
```

```
static __new__(cls, lineAttribute: LineAttribute | None = None, error: Error | None = None)
```

```
class archicad.releases.ac26.b3005types.LineAttributeWrapper(lineAttribute: LineAttribute)
```

Bases: `_ACBaseType`

Variables:

lineAttribute (LineAttribute) – A line attribute

```
__init__(lineAttribute: LineAttribute)
```

```
class archicad.releases.ac26.b3005types.LineItem(lineltemType: str, centerOffset: float, length: float, begPosition: Point2D, endPosition: Point2D, radius: float, begAngle: float, endAngle: float)
```

Bases: `_ACBaseType`

A line item.

Variables:

lineltemType (str) – The type of a line item.

centerOffset (float) – The vertical distance from the origin of the symbol line. Used in separator, center dot, and centerline item types.

length (float) – The length of the item. Used in centerline, right angle, and parallel item types.

begPosition (Point2D) – Coordinates of a 2D point

endPosition (Point2D) – Coordinates of a 2D point

radius (float) – The radius of the item. Used in circle and arc item types.

begAngle (float) – The beginning angle of the item, measured from the vertical axis. Used in the arc item type.

endAngle (float) – The ending angle of the item, measured from the vertical axis. Used in the arc item type.

```
__init__(lineltemType: str, centerOffset: float, length: float, begPosition: Point2D, endPosition: Point2D, radius: float, begAngle: float, endAngle: float)
class archicad.releases.ac26.b3005types.LineltemWrapper(lineltem: Lineltem)
Bases: _ACBaseType
```

Variables:

lineltem (Lineltem) – A line item.

```
__init__(lineltem: Lineltem)
class archicad.releases.ac26.b3005types.NavigatorItem(navigatorItemId: NavigatorItemId, prefix: str, name: str, type: str, sourceNavigatorItemId: NavigatorItemId | None = None, children: List[NavigatorItemArrayItem] | None = None)
Bases: _ACBaseType
```

The details of a navigator item.

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

prefix (str) – The prefix of the navigator item's name.

name (str) – The name of the navigator item.

type (str) – The type of a navigator item. The 'UndefinedItem' type is used when the actual type of the navigator item cannot be retrieved from Archicad.

sourceNavigatorItemId (NavigatorItemId, optional) – The identifier of a navigator item.

children (list of NavigatorItemArrayItem, optional) – A list of navigator items.

```
__init__(navigatorItemId: NavigatorItemId, prefix: str, name: str, type: str, sourceNavigatorItemId: NavigatorItemId | None = None, children: List[NavigatorItemArrayItem] | None = None)
class archicad.releases.ac26.b3005types.NavigatorItemArrayItem(navigatorItem: NavigatorItem_)
Bases: _ACBaseType
```

EMPTY STRING

Variables:

navigatorItem (NavigatorItem_) – The details of a navigator item.

```
__init__(navigatorItem: NavigatorItem_)  
class archicad.releases.ac26.b3005types.NavigatorItemId(guid: UUID)  
Bases: _ACBaseType
```

The identifier of a navigator item.

Variables:

guid (UUID) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

```
__init__(guid: UUID)  
class archicad.releases.ac26.b3005types.NavigatorItemIdAndType(navigatorItemType: str,  
navigatorItemId: NavigatorItemId)  
Bases: _ACBaseType
```

Consists of a navigator item type and an identifier.

Variables:

navigatorItemType (str) – The type of a navigator item. The 'UndefinedItem' type is used when the actual type of the navigator item cannot be retrieved from Archicad.

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

```
__init__(navigatorItemType: str, navigatorItemId: NavigatorItemId)  
class archicad.releases.ac26.b3005types.NavigatorItemIdAndTypeOrError(navigatorItemIdAndType:  
NavigatorItemIdAndType | None = None, error: Error | None = None)  
Bases: _ACUnionType
```

Contains a pair of navigator item type and identifier or an error.

Variables:

navigatorItemIdAndType (NavigatorItemIdAndType, optional) – Consists of a navigator item type and an identifier.

error (Error, optional) – The details of an error.

```
__init__(navigatorItemIdAndType: NavigatorItemIdAndType | None = None, error: Error | None = None)  
static __new__(cls, navigatorItemIdAndType: NavigatorItemIdAndType | None = None, error: Error |  
None = None)  
class archicad.releases.ac26.b3005types.NavigatorItemIdAndTypeWrapper(navigatorItemIdAndType:  
NavigatorItemIdAndType)  
Bases: _ACBaseType
```

Variables:

navigatorItemIdAndType (NavigatorItemIdAndType) – Consists of a navigator item type and an identifier.

__init__(navigatorItemIdAndType: NavigatorItemIdAndType)

class archicad.releases.ac26.b3005types.NavigatorItemIdWrapper(navigatorItemId: NavigatorItemId)

Bases: _ACBaseType

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

__init__(navigatorItemId: NavigatorItemId)

archicad.releases.ac26.b3005types.NavigatorItem_

alias of NavigatorItem

class archicad.releases.ac26.b3005types.NavigatorTree(rootItem: NavigatorItem)

Bases: _ACBaseType

A tree of navigator items.

Variables:

rootItem (NavigatorItem) – The details of a navigator item.

__init__(rootItem: NavigatorItem)

class archicad.releases.ac26.b3005types.NavigatorTreeId(type: str, name: str | None = None)

Bases: _ACUnionType

The identifier of a navigator item tree.

Variables:

type (str) – The type of the navigator item tree.

name (str, optional) – The name of the publisher set.

__init__(type: str, name: str | None = None)

static __new__(cls, type: str, name: str | None = None)

class archicad.releases.ac26.b3005types.NonLocalizedValueEnumId(nonLocalizedValue: str, type: str = 'nonLocalizedValue')

Bases: _ACBaseType

An enumeration value identifier using the nonlocalized value.

Variables:

nonLocalizedValue (str) – EMPTY STRING

type (str) – EMPTY STRING

__init__(nonLocalizedValue: str, type: str = 'nonLocalizedValue')

class archicad.releases.ac26.b3005types.NormalAngleListPropertyValue(value: List[float], type: str =

```
'angleList', status: str = 'normal')
```

```
Bases: _ACBaseType
```

An angle list property value containing angles in an array. The values are measured in SI (radians).

Variables:

```
value (list of float) – EMPTY STRING
```

```
type (str) – EMPTY STRING
```

```
status (str) – EMPTY STRING
```

```
__init__(value: List[float], type: str = 'angleList', status: str = 'normal')
```

```
class archicad.releases.ac26.b3005types.NormalAnglePropertyValue(value: float, type: str = 'angle', status: str = 'normal')
```

```
Bases: _ACBaseType
```

An angle property value containing a real angle. The value is measured in SI (radians).

Variables:

```
value (float) – EMPTY STRING
```

```
type (str) – EMPTY STRING
```

```
status (str) – EMPTY STRING
```

```
__init__(value: float, type: str = 'angle', status: str = 'normal')
```

```
class archicad.releases.ac26.b3005types.NormalAreaListPropertyValue(value: List[float], type: str = 'areaList', status: str = 'normal')
```

```
Bases: _ACBaseType
```

An area list property value containing areas in an array. The values are measured in SI (square meters).

Variables:

```
value (list of float) – EMPTY STRING
```

```
type (str) – EMPTY STRING
```

```
status (str) – EMPTY STRING
```

```
__init__(value: List[float], type: str = 'areaList', status: str = 'normal')
```

```
class archicad.releases.ac26.b3005types.NormalAreaPropertyValue(value: float, type: str = 'area', status: str = 'normal')
```

```
Bases: _ACBaseType
```

An area property value containing a real area. The value is measured in SI (square meters).

Variables:

```
value (float) – EMPTY STRING
```


type (str) – EMPTY STRING

status (str) – EMPTY STRING

__init__(value: float, type: str = 'area', status: str = 'normal')

class archicad.releases.ac26.b3005types.NormalBooleanListPropertyValue(value: List[bool], type: str = 'booleanList', status: str = 'normal')

Bases: _ACBaseType

A boolean list property value containing boolean values in an array.

Variables:

value (list of bool) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

__init__(value: List[bool], type: str = 'booleanList', status: str = 'normal')

class archicad.releases.ac26.b3005types.NormalBooleanPropertyValue(value: bool, type: str = 'boolean', status: str = 'normal')

Bases: _ACBaseType

A boolean property value containing a valid boolean value.

Variables:

value (bool) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

__init__(value: bool, type: str = 'boolean', status: str = 'normal')

class archicad.releases.ac26.b3005types.NormalIntegerListPropertyValue(value: List[int], type: str = 'integerList', status: str = 'normal')

Bases: _ACBaseType

An integer list property value containing integers in an array.

Variables:

value (list of int) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

__init__(value: List[int], type: str = 'integerList', status: str = 'normal')

class archicad.releases.ac26.b3005types.NormalIntegerPropertyValue(value: int, type: str = 'integer',

```
status: str = 'normal')
Bases: _ACBaseType
```

An integer property value containing a valid integer number.

Variables:

value (int) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: int, type: str = 'integer', status: str = 'normal')
```

```
class archicad.releases.ac26.b3005types.NormalLengthListPropertyValue(value: List[float], type: str = 'lengthList', status: str = 'normal')
```

```
Bases: _ACBaseType
```

A length list property value containing length values in an array. The values are measured in SI (meters).

Variables:

value (list of float) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: List[float], type: str = 'lengthList', status: str = 'normal')
```

```
class archicad.releases.ac26.b3005types.NormalLengthPropertyValue(value: float, type: str = 'length', status: str = 'normal')
```

```
Bases: _ACBaseType
```

A length property value containing a real length value. The value is measured in SI (meters).

Variables:

value (float) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: float, type: str = 'length', status: str = 'normal')
```

```
class archicad.releases.ac26.b3005types.NormalMultiEnumPropertyValue(value: List[EnumValueIdWrapper], type: str = 'multiEnum', status: str = 'normal')
```

```
Bases: _ACBaseType
```

A multiple choice enumeration property value containing the IDs of the selected enum values in an array.

Variables:

value (list of EnumValueIdWrapper) – A list of enumeration identifiers.

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: List[EnumValueIdWrapper], type: str = 'multiEnum', status: str = 'normal')
```

```
class archicad.releases.ac26.b3005types.NormalNumberListPropertyValue(value: List[float], type: str = 'numberList', status: str = 'normal')
```

Bases: `_ACBaseType`

A number list property value containing numbers in an array.

Variables:

value (list of float) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: List[float], type: str = 'numberList', status: str = 'normal')
```

```
class archicad.releases.ac26.b3005types.NormalNumberPropertyValue(value: float, type: str = 'number', status: str = 'normal')
```

Bases: `_ACBaseType`

A number property value containing a valid numeric value.

Variables:

value (float) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: float, type: str = 'number', status: str = 'normal')
```

```
class archicad.releases.ac26.b3005types.NormalOrUserUndefinedPropertyValue(type: str, status: str, value: float | int | str | bool | List[float] | List[int] | List[str] | List[bool] | EnumValueId | List[EnumValueIdWrapper] | None = None)
```

Bases: `_ACUnionType`

A normal or a userUndefined property value.

Variables:

type (str) – None

status (str) – None

value (float, int, str, bool, list of float, list of int, list of str, list of bool, EnumValueId, list of EnumValueIdWrapper) – None; The identifier of a property enumeration value.; A list of enumeration identifiers.

```
__init__(type: str, status: str, value: float | int | str | bool | List[float] | List[int] | List[str] | List[bool] | EnumValueId | List[EnumValueIdWrapper] | None = None)
static __new__(cls, type: str, status: str, value: float | int | str | bool | List[float] | List[int] | List[str] | List[bool] | EnumValueId | List[EnumValueIdWrapper] | None = None)
class archicad.releases.ac26.b3005types.NormalSingleEnumPropertyValue(value: EnumValueId, type: str = 'singleEnum', status: str = 'normal')
Bases: _ACBaseType
```

A single enumeration property value containing the ID of the selected enum value.

Variables:

value (EnumValueId) – The identifier of a property enumeration value.

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: EnumValueId, type: str = 'singleEnum', status: str = 'normal')
class archicad.releases.ac26.b3005types.NormalStringListPropertyValue(value: List[str], type: str = 'stringList', status: str = 'normal')
Bases: _ACBaseType
```

A string list property value containing strings in an array.

Variables:

value (list of str) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: List[str], type: str = 'stringList', status: str = 'normal')
class archicad.releases.ac26.b3005types.NormalStringPropertyValue(value: str, type: str = 'string', status: str = 'normal')
Bases: _ACBaseType
```

A string property value containing a valid string.

Variables:

value (str) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: str, type: str = 'string', status: str = 'normal')
class archicad.releases.ac26.b3005types.NormalVolumeListPropertyValue(value: List[float], type: str =
'volumeList', status: str = 'normal')
Bases: _ACBaseType
```

A volume list property value containing volumes in an array. The values are measured in SI (cubic meters).

Variables:

value (list of float) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: List[float], type: str = 'volumeList', status: str = 'normal')
class archicad.releases.ac26.b3005types.NormalVolumePropertyValue(value: float, type: str = 'volume',
status: str = 'normal')
Bases: _ACBaseType
```

A volume property value containing a real volume. The value is measured in SI (cubic meters).

Variables:

value (float) – EMPTY STRING

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(value: float, type: str = 'volume', status: str = 'normal')
class archicad.releases.ac26.b3005types.NotAvailablePropertyValue(type: str, status: str =
'notAvailable')
Bases: _ACBaseType
```

A notAvailable value means that the property is not available for the property owner (and therefore it has no property value for it).

Variables:

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(type: str, status: str = 'notAvailable')
class archicad.releases.ac26.b3005types.NotEvaluatedPropertyValue(type: str, status: str =
'notEvaluated')
Bases: _ACBaseType
```

A notEvaluated value means that the property could not be evaluated for the property owner for some reason.

Variables:

type (str) – EMPTY STRING

status (str) – EMPTY STRING

__init__(type: str, status: str = 'notEvaluated')

class archicad.releases.ac26.b3005types.OtherNavigatorTreeId(type: str)

Bases: _ACBaseType

The identifier of a navigator item tree.

Variables:

type (str) – The type of the navigator item tree.

__init__(type: str)

class archicad.releases.ac26.b3005types.Pen(name: str, index: int, color: RGBColor, weight: float, description: str)

Bases: _ACBaseType

A pen attribute.

Variables:

name (str) – The name of the pen.

index (int) – The index number of a pen.

color (RGBColor) – A color model represented via its red, green and blue components.

weight (float) – The thickness of the pen defined in millimeters.

description (str) – The description of the pen.

__init__(name: str, index: int, color: RGBColor, weight: float, description: str)

class archicad.releases.ac26.b3005types.PenArrayItem(pen: Pen)

Bases: _ACBaseType

EMPTY STRING

Variables:

pen (Pen) – A pen attribute.

__init__(pen: Pen)

class archicad.releases.ac26.b3005types.PenTableAttribute(attributeId: AttributeId, name: str, pens: List[PenArrayItem])

Bases: _ACBaseType

A pen table attribute.

Variables:

attributeld (Attributeld) – The identifier of an attribute.

name (str) – The name of an attribute.

pens (list of PenArrayItem) – A collection of pens in a pen table.

__init__(attributeld: Attributeld, name: str, pens: List[PenArrayItem])

class archicad.releases.ac26.b3005types.PenTableAttributeOrError(penTableAttribute: PenTableAttribute | None = None, error: Error | None = None)

Bases: _ACUnionType

A pen table attribute or an error.

Variables:

penTableAttribute (PenTableAttribute, optional) – A pen table attribute.

error (Error, optional) – The details of an error.

__init__(penTableAttribute: PenTableAttribute | None = None, error: Error | None = None)

static __new__(cls, penTableAttribute: PenTableAttribute | None = None, error: Error | None = None)

class archicad.releases.ac26.b3005types.PenTableAttributeWrapper(penTableAttribute: PenTableAttribute)

Bases: _ACBaseType

Variables:

penTableAttribute (PenTableAttribute) – A pen table attribute.

__init__(penTableAttribute: PenTableAttribute)

class archicad.releases.ac26.b3005types.Point2D(x: float, y: float)

Bases: _ACBaseType

Coordinates of a 2D point

Variables:

x (float) – X coordinate of 2D point

y (float) – Y coordinate of 2D point

__init__(x: float, y: float)

class archicad.releases.ac26.b3005types.PossibleEnumValue(enumValuelid: EnumValuelid, displayValue: str, nonLocalizedValue: str | None = None)

Bases: _ACBaseType

The description of an enumeration value.

Variables:

enumValuelid (EnumValuelid) – The identifier of a property enumeration value.

displayValue (str) – Displayed value of the enumeration.

nonLocalizedValue (str, optional) – Nonlocalized value of the enumeration if there is one.

__init__(enumValueId: EnumValueId, displayValue: str, nonLocalizedValue: str | None = None)

class archicad.releases.ac26.b3005types.PossibleEnumValuesArrayItem(enumValue:

PossibleEnumValue)

Bases: _ACBaseType

EMPTY STRING

Variables:

enumValue (PossibleEnumValue) – The description of an enumeration value.

__init__(enumValue: PossibleEnumValue)

class archicad.releases.ac26.b3005types.ProfileAttribute(attributeId: AttributeId, name: str, useWith:

List[str], width: float, height: float, minimumWidth: float, minimumHeight: float, widthStretchable: bool,

heightStretchable: bool, hasCoreSkin: bool, profileModifiers: List[ProfileModifierListItem])

Bases: _ACBaseType

A profile attribute.

Variables:

attributeId (AttributeId) – The identifier of an attribute.

name (str) – The name of an attribute.

useWith (list of str) – A list of element types.

width (float) – The default width (horizontal size) of the profile.

height (float) – The default height (vertical size) of the profile.

minimumWidth (float) – The minimum width (horizontal size) of the profile.

minimumHeight (float) – The minimum height (vertical size) of the profile.

widthStretchable (bool) – Defines whether the profile's width can be increased beyond its default value or not.

heightStretchable (bool) – Defines whether the profile's height can be increased beyond its default value or not.

hasCoreSkin (bool) – Defines whether the profile has a core skin or not.

profileModifiers (list of ProfileModifierListItem) – A list of profile modifiers.

__init__(attributeId: AttributeId, name: str, useWith: List[str], width: float, height: float, minimumWidth:

float, minimumHeight: float, widthStretchable: bool, heightStretchable: bool, hasCoreSkin: bool,

profileModifiers: List[ProfileModifierListItem])


```
class archicad.releases.ac26.b3005types.ProfileAttributeOrError(profileAttribute: ProfileAttribute | None = None, error: Error | None = None)
```

Bases: `_ACUnionType`

A profile attribute or an error.

Variables:

`profileAttribute` (`ProfileAttribute`, optional) – A profile attribute.

`error` (`Error`, optional) – The details of an error.

```
__init__(profileAttribute: ProfileAttribute | None = None, error: Error | None = None)
```

```
static __new__(cls, profileAttribute: ProfileAttribute | None = None, error: Error | None = None)
```

```
class archicad.releases.ac26.b3005types.ProfileAttributeWrapper(profileAttribute: ProfileAttribute)
```

Bases: `_ACBaseType`

Variables:

`profileAttribute` (`ProfileAttribute`) – A profile attribute.

```
__init__(profileAttribute: ProfileAttribute)
```

```
class archicad.releases.ac26.b3005types.ProfileModifier(name: str, value: float)
```

Bases: `_ACBaseType`

A profile modifier parameter.

Variables:

`name` (`str`) – The name of the modifier.

`value` (`float`) – The value of the modifier.

```
__init__(name: str, value: float)
```

```
class archicad.releases.ac26.b3005types.ProfileModifierListItem(profileModifier: ProfileModifier)
```

Bases: `_ACBaseType`

EMPTY STRING

Variables:

`profileModifier` (`ProfileModifier`) – A profile modifier parameter.

```
__init__(profileModifier: ProfileModifier)
```

```
class archicad.releases.ac26.b3005types.PropertyBasicDefaultValue(basicDefaultValue: PropertyValue_)
```

```
PropertyValue_)
```

Bases: `_ACBaseType`

Default value of the property in case of a basic property value (ie. not an expression).

Variables:

`basicDefaultValue` (`PropertyValue_`) – A normal, `userUndefined`, `notAvailable` or `notEvaluated` property value.

```
__init__(basicDefaultValue: PropertyValue_)  
archicad.releases.ac26.b3005types.PropertyDefaultValue  
Default value of the property.
```

```
class archicad.releases.ac26.b3005types.PropertyDefinition(group: PropertyGroup, name: str,  
description: str, isEditable: bool, type: str, propertyId: PropertyId | None = None, possibleEnumValues:  
List[PossibleEnumValuesArrayItem] | None = None, defaultValue: PropertyBasicDefaultValue | None =  
None)  
Bases: _ACBaseType
```

A property definition. The default value of a property appears if and only if it is a custom property and is not an expression type property. (This may change in the future.)

Variables:

group (PropertyGroup) – A property group.

name (str) – The localized name of the property.

description (str) – The description of the property.

isEditable (bool) – Defines whether the property is editable or not.

type (str) – Defines the type of the property's value.

propertyId (PropertyId, optional) – The identifier of a property.

possibleEnumValues (list of PossibleEnumValuesArrayItem, optional) – A list of enumeration values.

defaultValue (PropertyDefaultValue, optional) – Default value of the property.

```
__init__(group: PropertyGroup, name: str, description: str, isEditable: bool, type: str, propertyId:  
PropertyId | None = None, possibleEnumValues: List[PossibleEnumValuesArrayItem] | None = None,  
defaultValue: PropertyBasicDefaultValue | None = None)  
class archicad.releases.ac26.b3005types.PropertyDefinitionAvailability(propertyId: PropertyId,  
availableClassifications: List[ClassificationItemIdArrayItem])  
Bases: _ACBaseType
```

Contains the ids of classification items the given property definition is available for.

Variables:

propertyId (PropertyId) – The identifier of a property.

availableClassifications (list of ClassificationItemIdArrayItem) – A list of classification item identifiers.

```
__init__(propertyId: PropertyId, availableClassifications: List[ClassificationItemIdArrayItem])  
class  
archicad.releases.ac26.b3005types.PropertyDefinitionAvailabilityOrError(propertyDefinitionAvailability:  
PropertyDefinitionAvailability | None = None, error: Error | None = None)  
Bases: _ACUnionType
```

Contains the ids of classification items the given property definition is available for or error.

Variables:

propertyDefinitionAvailability (PropertyDefinitionAvailability, optional) – Contains the ids of classification items the given property definition is available for.

error (Error, optional) – The details of an error.

```
__init__(propertyDefinitionAvailability: PropertyDefinitionAvailability | None = None, error: Error | None = None)
```

```
static __new__(cls, propertyDefinitionAvailability: PropertyDefinitionAvailability | None = None, error: Error | None = None)
```

```
class
```

```
archicad.releases.ac26.b3005types.PropertyDefinitionAvailabilityWrapper(propertyDefinitionAvailability: PropertyDefinitionAvailability)
```

```
Bases: _ACBaseType
```

Variables:

propertyDefinitionAvailability (PropertyDefinitionAvailability) – Contains the ids of classification items the given property definition is available for.

```
__init__(propertyDefinitionAvailability: PropertyDefinitionAvailability)
```

```
class archicad.releases.ac26.b3005types.PropertyDefinitionOrError(propertyDefinition: PropertyDefinition | None = None, error: Error | None = None)
```

```
Bases: _ACUnionType
```

A property definition or an error.

Variables:

propertyDefinition (PropertyDefinition, optional) – A property definition. The default value of a property appears if and only if it is a custom property and is not an expression type property. (This may change in the future.)

error (Error, optional) – The details of an error.

```
__init__(propertyDefinition: PropertyDefinition | None = None, error: Error | None = None)
```

```
static __new__(cls, propertyDefinition: PropertyDefinition | None = None, error: Error | None = None)
```

```
class archicad.releases.ac26.b3005types.PropertyDefinitionWrapper(propertyDefinition: PropertyDefinition)
```

```
Bases: _ACBaseType
```

Variables:

propertyDefinition (PropertyDefinition) – A property definition. The default value of a property appears if and only if it is a custom property and is not an expression type property. (This may change in the future.)

```
__init__(propertyDefinition: PropertyDefinition)
class archicad.releases.ac26.b3005types.PropertyGroup(propertyGroupId: PropertyGroupId, name: str)
Bases: _ACBaseType
```

A property group.

Variables:

propertyGroupId (PropertyGroupId) – The identifier of a property group.

name (str) – The property group name.

```
__init__(propertyGroupId: PropertyGroupId, name: str)
class archicad.releases.ac26.b3005types.PropertyGroupId(guid: UUID)
Bases: _ACBaseType
```

The identifier of a property group.

Variables:

guid (UUID) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

```
__init__(guid: UUID)
class archicad.releases.ac26.b3005types.PropertyGroupIdArrayItem(propertyGroupId:
PropertyGroupId)
Bases: _ACBaseType
```

EMPTY STRING

Variables:

propertyGroupId (PropertyGroupId) – The identifier of a property group.

```
__init__(propertyGroupId: PropertyGroupId)
class archicad.releases.ac26.b3005types.PropertyGroupOrError(propertyGroup: PropertyGroup | None
= None, error: Error | None = None)
Bases: _ACUnionType
```

A property group or an error.

Variables:

propertyGroup (PropertyGroup, optional) – A property group.

error (Error, optional) – The details of an error.

```
__init__(propertyGroup: PropertyGroup | None = None, error: Error | None = None)
static __new__(cls, propertyGroup: PropertyGroup | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.PropertyGroupWrapper(propertyGroup: PropertyGroup)
Bases: _ACBaseType
```

Variables:

propertyGroup (PropertyGroup) – A property group.

```
__init__(propertyGroup: PropertyGroup)
class archicad.releases.ac26.b3005types.PropertyId(guid: UUID)
Bases: _ACBaseType
```

The identifier of a property.

Variables:

guid (UUID) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

```
__init__(guid: UUID)
class archicad.releases.ac26.b3005types.PropertyIdArrayItem(propertyId: PropertyId)
Bases: _ACBaseType
```

EMPTY STRING

Variables:

propertyId (PropertyId) – The identifier of a property.

```
__init__(propertyId: PropertyId)
class archicad.releases.ac26.b3005types.PropertyIdOrError(propertyId: PropertyId | None = None,
error: Error | None = None)
Bases: _ACUnionType
```

A property identifier or an error.

Variables:

propertyId (PropertyId, optional) – The identifier of a property.

error (Error, optional) – The details of an error.

```
__init__(propertyId: PropertyId | None = None, error: Error | None = None)
static __new__(cls, propertyId: PropertyId | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.PropertyIdsOfElement(elementId: ElementId, propertyIds:
List[PropertyIdArrayItem])
Bases: _ACBaseType
```

A list property identifiers of an owner element.

Variables:

elementId (ElementId) – The identifier of an element.

propertyIds (list of PropertyIdArrayItem) – A list of property identifiers.

```
__init__(elementId: ElementId, propertyIds: List[PropertyIdArrayItem])
class archicad.releases.ac26.b3005types.PropertyIdsOfElementOrError(propertyIdsOfElement:
```

PropertyIdsOfElement | None = None, error: Error | None = None)

Bases: _ACUnionType

A list property identifiers of an owner element or an error.

Variables:

propertyIdsOfElement (PropertyIdsOfElement, optional) – A list property identifiers of an owner element.

error (Error, optional) – The details of an error.

__init__(propertyIdsOfElement: PropertyIdsOfElement | None = None, error: Error | None = None)

static __new__(cls, propertyIdsOfElement: PropertyIdsOfElement | None = None, error: Error | None = None)

class archicad.releases.ac26.b3005types.PropertyIdsOfElementWrapper(propertyIdsOfElement: PropertyIdsOfElement)

Bases: _ACBaseType

Variables:

propertyIdsOfElement (PropertyIdsOfElement) – A list property identifiers of an owner element.

__init__(propertyIdsOfElement: PropertyIdsOfElement)

class archicad.releases.ac26.b3005types.PropertyUserId(type: str, localizedName: List[str] | None = None, nonLocalizedName: str | None = None)

Bases: _ACUnionType

The unique identifier of a Property, identified by its name. May represent a User-Defined or a Built-In Property.

Variables:

type (str) – None

localizedName (list of str, optional) – A two-element list of the localized name parts. The first element is the name of the group the property belongs to, and the second element is the actual name of the property.

nonLocalizedName (str, optional) – The non-localized name of the Built-In Property.

__init__(type: str, localizedName: List[str] | None = None, nonLocalizedName: str | None = None)

static __new__(cls, type: str, localizedName: List[str] | None = None, nonLocalizedName: str | None = None)

class archicad.releases.ac26.b3005types.PropertyValue(type: str, status: str, value: float | int | str | bool | List[float] | List[int] | List[str] | List[bool] | EnumValueId | List[EnumValueIdWrapper] | None = None)

Bases: _ACUnionType

A normal, userUndefined, notAvailable or notEvaluated property value.

Variables:

type (str) – None

status (str) – None

value (float, int, str, bool, list of float, list of int, list of str, list of bool, EnumValueId, list of EnumValueIdWrapper) – None; The identifier of a property enumeration value.; A list of enumeration identifiers.

```
__init__(type: str, status: str, value: float | int | str | bool | List[float] | List[int] | List[str] | List[bool] | EnumValueId | List[EnumValueIdWrapper] | None = None)
static __new__(cls, type: str, status: str, value: float | int | str | bool | List[float] | List[int] | List[str] | List[bool] | EnumValueId | List[EnumValueIdWrapper] | None = None)
class archicad.releases.ac26.b3005types.PropertyValueOrErrorItem(propertyValue: PropertyValue | None = None, error: Error | None = None)
Bases: _ACUnionType
```

A property value or an error

Variables:

propertyValue (PropertyValue, optional) – A normal, userUndefined, notAvailable or notEvaluated property value.

error (Error, optional) – The details of an error.

```
__init__(propertyValue: PropertyValue | None = None, error: Error | None = None)
static __new__(cls, propertyValue: PropertyValue | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.PropertyValueWrapper(propertyValue: PropertyValue)
Bases: _ACBaseType
```

Variables:

propertyValue (PropertyValue) – A normal, userUndefined, notAvailable or notEvaluated property value.

```
__init__(propertyValue: PropertyValue)
archicad.releases.ac26.b3005types.PropertyValue_
alias of PropertyValue
```

```
class archicad.releases.ac26.b3005types.PropertyValuesOrError(propertyValues: List[PropertyValueOrErrorItem] | None = None, error: Error | None = None)
Bases: _ACUnionType
```

A list of property values or an error.

Variables:

propertyValues (list of PropertyValueOrErrorItem, optional) – A list of property values.

error (Error, optional) – The details of an error.

```
__init__(propertyValues: List[PropertyValueOrErrorItem] | None = None, error: Error | None = None)
static __new__(cls, propertyValues: List[PropertyValueOrErrorItem] | None = None, error: Error | None = None)
= None)
```

```
class archicad.releases.ac26.b3005types.PropertyValuesWrapper(propertyValues:
List[PropertyValueOrErrorItem])
Bases: _ACBaseType
```

Variables:

propertyValues (list of PropertyValueOrErrorItem) – A list of property values.

```
__init__(propertyValues: List[PropertyValueOrErrorItem])
```

```
class archicad.releases.ac26.b3005types.PublisherSetId(name: str, type: str = 'PublisherSets')
Bases: _ACBaseType
```

The identifier of a publisher set.

Variables:

name (str) – The name of the publisher set.

type (str) – The type of the navigator item tree.

```
__init__(name: str, type: str = 'PublisherSets')
```

```
class archicad.releases.ac26.b3005types.RGBColor(red: float, green: float, blue: float)
Bases: _ACBaseType
```

A color model represented via its red, green and blue components.

Variables:

red (float) – The red component of the color model.

green (float) – The green component of the color model.

blue (float) – The blue component of the color model.

```
__init__(red: float, green: float, blue: float)
```

```
class archicad.releases.ac26.b3005types.SectionNavigatorItem(navigatorItemId: NavigatorItemId,
prefix: str, name: str)
Bases: _ACBaseType
```

The details of a section navigator item.

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

prefix (str) – The prefix of the navigator item's name.

name (str) – The name of the navigator item.

```
__init__(navigatorItemId: NavigatorItemId, prefix: str, name: str)
```

```
class archicad.releases.ac26.b3005types.SectionNavigatorItemOrError(sectionNavigatorItem:
SectionNavigatorItem | None = None, error: Error | None = None)
Bases: _ACUnionType
```


Contains a section navigator item or an error.

Variables:

sectionNavigatorItem (SectionNavigatorItem, optional) – The details of a section navigator item.

error (Error, optional) – The details of an error.

```
__init__(sectionNavigatorItem: SectionNavigatorItem | None = None, error: Error | None = None)
static __new__(cls, sectionNavigatorItem: SectionNavigatorItem | None = None, error: Error | None = None)
```

```
class archicad.releases.ac26.b3005types.SectionNavigatorItemWrapper(sectionNavigatorItem:
SectionNavigatorItem)
```

```
Bases: _ACBaseType
```

Variables:

sectionNavigatorItem (SectionNavigatorItem) – The details of a section navigator item.

```
__init__(sectionNavigatorItem: SectionNavigatorItem)
class archicad.releases.ac26.b3005types.StoryNavigatorItem(navigatorItemId: NavigatorItemId, prefix:
str, name: str, floorLevel: float, floorNumber: float)
```

```
Bases: _ACBaseType
```

The details of a story navigator item.

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

prefix (str) – The prefix of the navigator item's name.

name (str) – The name of the navigator item.

floorLevel (float) – The floor level of the story navigator item.

floorNumber (float) – The floor number of the story navigator item.

```
__init__(navigatorItemId: NavigatorItemId, prefix: str, name: str, floorLevel: float, floorNumber: float)
```

```
class archicad.releases.ac26.b3005types.StoryNavigatorItemOrError(storyNavigatorItem:
StoryNavigatorItem | None = None, error: Error | None = None)
```

```
Bases: _ACUnionType
```

Contains a story navigator item or an error.

Variables:

storyNavigatorItem (StoryNavigatorItem, optional) – The details of a story navigator item.

error (Error, optional) – The details of an error.

```
__init__(storyNavigatorItem: StoryNavigatorItem | None = None, error: Error | None = None)
static __new__(cls, storyNavigatorItem: StoryNavigatorItem | None = None, error: Error | None = None)
```

```
class archicad.releases.ac26.b3005types.StoryNavigatorItemWrapper(storyNavigatorItem: StoryNavigatorItem)
Bases: _ACBaseType
```

Variables:

storyNavigatorItem (StoryNavigatorItem) – The details of a story navigator item.

```
__init__(storyNavigatorItem: StoryNavigatorItem)
```

```
class archicad.releases.ac26.b3005types.Subset(name: str, includeToIDSequence: bool,
customNumbering: bool, continueNumbering: bool, useUpperPrefix: bool, addOwnPrefix: bool,
customNumber: str, autoNumber: str, numberingStyle: str, startAt: int, ownPrefix: str)
```

```
Bases: _ACBaseType
```

A set of options used to assign IDs to the layouts contained in the subset.

Variables:

name (str) – The name for the layout subset.

includeToIDSequence (bool) – Defines whether this subset is included in automatic ID assignment or not.

customNumbering (bool) – Defines whether the IDs are generated automatically or a custom numbering is used.

continueNumbering (bool) – Defines whether to continue using the ID assignment of the upper levels or not. If 'true', layouts within this subset are going to be assigned IDs as if they were not within this subset, but part of the level above. In this case you only use the Subset as a logical grouping which has no effect on IDs.

useUpperPrefix (bool) – Defines whether to use the prefix and ID of the upper levels or not. If 'true', layouts in this subset will be assigned IDs based on the previous layout in the layout book structure.

addOwnPrefix (bool) – Defines whether to add own prefix to the subset or not.

customNumber (str) – The custom subset ID.

autoNumber (str) – The automatic subset ID.

numberingStyle (str) – A supported numbering style.

startAt (int) – The starting value of the numbering.

ownPrefix (str) – The custom prefix for the subset.

```
__init__(name: str, includeToIDSequence: bool, customNumbering: bool, continueNumbering: bool,
useUpperPrefix: bool, addOwnPrefix: bool, customNumber: str, autoNumber: str, numberingStyle: str,
startAt: int, ownPrefix: str)
```

```
class archicad.releases.ac26.b3005types.SuccessfulExecutionResult(success: bool)
```

```
Bases: _ACBaseType
```

The result of a successful execution.

Variables:

success (bool) – EMPTY STRING

__init__(success: bool)

class archicad.releases.ac26.b3005types.SurfaceAttribute(attributeld: Attributeld, name: str, materialType: str, ambientReflection: int, diffuseReflection: int, specularReflection: int, transparencyAttenuation: int, emissionAttenuation: int, surfaceColor: RGBColor, specularColor: RGBColor, emissionColor: RGBColor, fillId: AttributeldOrError, transparency: int, shine: int, texture: Texture | None = None)

Bases: _ACBaseType

A surface attribute.

Variables:

attributeld (Attributeld) – The identifier of an attribute.

name (str) – The name of an attribute.

materialType (str) – The material type of a surface attribute.

ambientReflection (int) – The ambient reflection of the surface attribute.

diffuseReflection (int) – The diffuse reflection of the surface attribute.

specularReflection (int) – The specular reflection of the surface attribute.

transparencyAttenuation (int) – The transparency attenuation of the surface attribute.

emissionAttenuation (int) – The emission attenuation of the surface attribute.

surfaceColor (RGBColor) – A color model represented via its red, green and blue components.

specularColor (RGBColor) – A color model represented via its red, green and blue components.

emissionColor (RGBColor) – A color model represented via its red, green and blue components.

fillId (AttributeldOrError) – The attribute's identifier or an error.

transparency (int) – The transparency of the surface attribute.

shine (int) – The shininess of the surface attribute.

texture (Texture, optional) – A texture

__init__(attributeld: Attributeld, name: str, materialType: str, ambientReflection: int, diffuseReflection: int, specularReflection: int, transparencyAttenuation: int, emissionAttenuation: int, surfaceColor: RGBColor, specularColor: RGBColor, emissionColor: RGBColor, fillId: AttributeldOrError, transparency: int, shine: int, texture: Texture | None = None)

```
class archicad.releases.ac26.b3005types.SurfaceAttributeOrError(surfaceAttribute: SurfaceAttribute | None = None, error: Error | None = None)
Bases: _ACUnionType
```

A surface attribute or an error.

Variables:

surfaceAttribute (SurfaceAttribute, optional) – A surface attribute.

error (Error, optional) – The details of an error.

```
__init__(surfaceAttribute: SurfaceAttribute | None = None, error: Error | None = None)
static __new__(cls, surfaceAttribute: SurfaceAttribute | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.SurfaceAttributeWrapper(surfaceAttribute: SurfaceAttribute)
Bases: _ACBaseType
```

Variables:

surfaceAttribute (SurfaceAttribute) – A surface attribute.

```
__init__(surfaceAttribute: SurfaceAttribute)
class archicad.releases.ac26.b3005types.Texture(name: str)
Bases: _ACBaseType
```

A texture

Variables:

name (str) – The name of the texture.

```
__init__(name: str)
class archicad.releases.ac26.b3005types.TypeOfElement(elementId: ElementId, elementType: str)
Bases: _ACBaseType
```

An element id and its corresponding element type.

Variables:

elementId (ElementId) – The identifier of an element.

elementType (str) – The type of an element.

```
__init__(elementId: ElementId, elementType: str)
class archicad.releases.ac26.b3005types.TypeOfElementOrError(typeOfElement: TypeOfElement | None = None, error: Error | None = None)
Bases: _ACUnionType
```

The type of an element or an error.

Variables:

typeOfElement (TypeOfElement, optional) – An element id and its corresponding element type.

error (Error, optional) – The details of an error.

```
__init__(typeOfElement: TypeOfElement | None = None, error: Error | None = None)
static __new__(cls, typeOfElement: TypeOfElement | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.TypeOfElementWrapper(typeOfElement: TypeOfElement)
Bases: _ACBaseType
```

Variables:

typeOfElement (TypeOfElement) – An element id and its corresponding element type.

```
__init__(typeOfElement: TypeOfElement)
class archicad.releases.ac26.b3005types.UserDefinedPropertyUserId(localizedName: List[str], type: str
= 'UserDefined')
Bases: _ACBaseType
```

The unique identifier of a User-Defined Property, identified by its name.

Variables:

localizedName (list of str) – A two-element list of the localized name parts. The first element is the name of the group the property belongs to, and the second element is the actual name of the property.

type (str) – EMPTY STRING

```
__init__(localizedName: List[str], type: str = 'UserDefined')
class archicad.releases.ac26.b3005types.UserUndefinedPropertyValue(type: str, status: str =
'userUndefined')
Bases: _ACBaseType
```

A userUndefined value means that there is no actual number/string/etc. value, but the user deliberately set an Undefined value: this is a valid value, too.

Variables:

type (str) – EMPTY STRING

status (str) – EMPTY STRING

```
__init__(type: str, status: str = 'userUndefined')
class archicad.releases.ac26.b3005types.WorksheetNavigatorItem(navigatorItemId: NavigatorItemId,
prefix: str, name: str)
Bases: _ACBaseType
```

The details of a worksheet navigator item.

Variables:

navigatorItemId (NavigatorItemId) – The identifier of a navigator item.

prefix (str) – The prefix of the navigator item's name.

name (str) – The name of the navigator item.

```
__init__(navigatorItemId: NavigatorItemId, prefix: str, name: str)
class archicad.releases.ac26.b3005types.WorksheetNavigatorItemOrError(worksheetNavigatorItem:
WorksheetNavigatorItem | None = None, error: Error | None = None)
Bases: _ACUnionType
```

Contains a worksheet navigator item or an error.

Variables:

worksheetNavigatorItem (WorksheetNavigatorItem, optional) – The details of a worksheet navigator item.

error (Error, optional) – The details of an error.

```
__init__(worksheetNavigatorItem: WorksheetNavigatorItem | None = None, error: Error | None = None)
static __new__(cls, worksheetNavigatorItem: WorksheetNavigatorItem | None = None, error: Error |
None = None)
class archicad.releases.ac26.b3005types.WorksheetNavigatorItemWrapper(worksheetNavigatorItem:
WorksheetNavigatorItem)
Bases: _ACBaseType
```

Variables:

worksheetNavigatorItem (WorksheetNavigatorItem) – The details of a worksheet navigator item.

```
__init__(worksheetNavigatorItem: WorksheetNavigatorItem)
class archicad.releases.ac26.b3005types.ZoneCategoryAttribute(attributeId: AttributeId, name: str,
categoryCode: str, stampName: str, stampMainGuid: UUID, stampRevisionGuid: UUID, color:
RGBColor)
Bases: _ACBaseType
```

A zone category.

Variables:

attributeId (AttributeId) – The identifier of an attribute.

name (str) – The name of an attribute.

categoryCode (str) – The category code of the zone.

stampName (str) – The stamp name of the zone category.

stampMainGuid (UUID) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

stampRevisionGuid (UUID) – A Globally Unique Identifier (or Universally Unique Identifier) in its string representation as defined in RFC 4122.

color (RGBColor) – A color model represented via its red, green and blue components.

```
__init__(attributeld: Attributeld, name: str, categoryCode: str, stampName: str, stampMainGuid: UUID, stampRevisionGuid: UUID, color: RGBColor)
class archicad.releases.ac26.b3005types.ZoneCategoryAttributeOrError(zoneCategoryAttribute: ZoneCategoryAttribute | None = None, error: Error | None = None)
Bases: _ACUnionType
```

A zone category attribute or an error.

Variables:

zoneCategoryAttribute (ZoneCategoryAttribute, optional) – A zone category.

error (Error, optional) – The details of an error.

```
__init__(zoneCategoryAttribute: ZoneCategoryAttribute | None = None, error: Error | None = None)
static __new__(cls, zoneCategoryAttribute: ZoneCategoryAttribute | None = None, error: Error | None = None)
class archicad.releases.ac26.b3005types.ZoneCategoryAttributeWrapper(zoneCategoryAttribute: ZoneCategoryAttribute)
Bases: _ACBaseType
```

Variables:

zoneCategoryAttribute (ZoneCategoryAttribute) – A zone category.

```
__init__(zoneCategoryAttribute: ZoneCategoryAttribute)
```

archicad.releases.ac26.b3005utilities

```
class archicad.releases.ac26.b3005utilities.Utilities(actypes: Types, accommands: Commands)
Bases: object
```

Utility functions for the archicad module.

FindClassificationItemInSystem(system_name: str, item_id: str) → ClassificationItemInTree | None

Finds the classification item in a system.

FindClassificationSystem(systemName: str) → ClassificationSystemId | None

Finds the classification system.

```
static FindInClassificationItemTree(treeRootItem: ClassificationItemInTree, criterion: Callable[[ClassificationItemInTree], bool]) → List[ClassificationItemInTree]
```

Finds items in a navigator tree.

Parameters:

treeRootItem (ClassificationItemInTree) – The root item of the classification tree.

criterion (Callable[[ClassificationItemInTree], bool]) – The criterion function.

Returns:

The list of classification items, which fulfill the criterion function.

Return type:

List[ClassificationItemInTree]

static FindInNavigatorItemTree(treeRootItem: NavigatorItem, criterion: Callable[[NavigatorItem], bool])
→ List[NavigatorItem]

Finds items in a navigator tree.

Parameters:

treeRootItem (NavigatorItem) – The root item of the navigator tree.

criterion (Callable[[NavigatorItem], bool]) – The criterion function.

Returns:

The list of navigator items, which fulfill the criterion function.

Return type:

List[NavigatorItem]

GetBuiltInPropertyId(name: str) → PropertyId

Returns the PropertyId of the corresponding built-in property.

GetDisplayValueFromPropertyEnumValueId(propertyId: PropertyId, enumValueId: EnumValueId) → str

Returns the display value of an enumeration property value.

Parameters:

propertyId (PropertyId) – The identifier of the property.

enumValueId (EnumValueId) – The enumeration value identifier.

Returns:

The display value of the enumeration property value.

Return type:

str

GetPropertyValuesDictionary(elements: List[ElementId], propertyIds: List[PropertyId]) → Dict[ElementId, Dict[PropertyId, Any]]

Returns the values of the given elements' given properties.

Parameters:

elements (List[ElementId]) – The identifier of the property.

propertyIds (List[PropertyId]) – The property value.

Returns:

A dictionary for the property values with two key-levels: the first key is the elementId, the second key is the propertyId.

Return type:

Dict[ElementId, Dict[PropertyId, Any]]

GetUserDefinedPropertyId(groupName: str, name: str) → PropertyId

Returns the PropertyId of the corresponding user-defined property.

GetValueFromPropertyValue(propertyId: PropertyId, propertyValue: PropertyValue) → Any

Returns the display value of a property value.

Parameters:

propertyId (PropertyId) – The identifier of the property.

propertyValue (PropertyValue) – The property value.

Returns:

The value unwrapped from the property value.

Return type:

Any

static OpenFile(filepath: str)

Opens the given file with the default application.

翻訳 : ymch Written with ChatGPT 日時 : 2023/12/15

`__init__(actypes: Types, accommands: Commands)`

`__weakref__`

list of weak references to the object (if defined)