

Control Item

A control item represents an item displayed in the collection control, either at the root level or as a child. It provides an API to set and retrieve property values, as well as to add or remove child items from the parent control item.

getItemId

Once you have `controlItem` that represents a row in collection controls, associated `relationshipId/itemId` can be obtained by calling this function.

```
var itemId = controlItem.getItemId();
```

getRelatedId

Once you have `controlItem` that represents a row in collection controls, associated `relatedId` can be obtained by calling this function.

```
var relationshipId = controlItem.getRelatedId();
```

isItemNew

Once you have `controlItem` that represents a row in collection controls, associated `isNew` state can be obtained by calling this function. Return true if the item is newly added or inserted.

```
var isItemNew = controlItem.isItemNew();
```

getValue

Once you have a `controlItem` representing a row in a collection control, you can retrieve the value of a specific cell by providing the column's property name. If the `controlItem` represents relationship data, and you need to access a property of the related item, the `columnPropertyName` should be specified in the format "related.relatedItemPropertyName".

```
var cellValue = controlItem.getValue(columnPropertyName);
```

setValue

Once you have `itemControl` that represents a row in collection controls, a particular cell value in that row can be set by passing column property name and cell value. If the `controlItem` represents



relationship data, to set relatedItem property value, you need to pass columnName as "related.relatedItemPropertyName".

```
itemControl.setValue(columnPropertyName, cellValue);
```

getChildItems

Once you have controlItem that represents a row in worksheet, treeTable, structure, graph controls, its child items can be retrieved by passed child relationshipName.

```
var childControlItems =  
controlItem.getChildItems(childRelationshipName);
```

getChildItem

Once you have controlItem that represents a row in worksheet, treeTable, structure, graph controls, its child item can be retrieved by passing child relationshipName and child relationshipId

```
var childControlItem = controlItem.getChildItem(childRelationshipName,  
childRelationshipId);
```

getChildItemByRelatedId

Once you have controlItem that represents a row in collection controls, childControlItem can be obtained given that child relationshipName, child relatedId.

```
var childControlItems = controlItem.getChildItemByRelatedId(  
childRelationshipName, childRelatedItemId);
```

addChildItem

Once you have controlItem that represents a row in collection controls, childItem can be added given that child relationshipName, child relationshipId, and itemData. It also returns newly added item in the form of childControlItem.

```
const itemData = {  
  properties: {  
    address: "Sample Data",  
  },  
};
```



```
relatedItem: {  
  properties: {  
    name: "Sample Item",  
    description: "Sample Desc",  
  },  
},  
};
```

```
var childControlItem = controlItem.addChildItem(childRelationshipName,  
childRelationshipId, itemData);
```

insertControlItem

Once you have `controlItem` that represents a row in collection controls, `childControlItem` can be inserted given that `childRelationshipName`, `childRelationshipId`, and `insertItemId`. It also returns newly added item in the form of `childControlItem`.

```
controlItem.insertControlItem(childRelationshipName, childRelationshipId,  
insertItemId).then((insertedChildItemControl) => {  
  // accessing inserted ItemControl and setting its value  
  insertedChildItemControl.setValue(columnPropertyName, cellValue);  
});
```

deleteControlItem

Once you have `controlItem` that represents a row in collection controls, `childItem` can be deleted from the `controlItem` given `childRelationshipName` and `childRelationshipId`.

```
controlItem.deleteControlItem(childRelationshipName, childRelationshipId);
```

getParentItem

Once you have `controlItem` that represents a node in `TreeTable` or `Structure` controls, parent item can be obtained by using this API.

```
var parentControlItem = controlItem.getParentItem();
```



getItemType

Once you have controlItem that represents a row or node in collection controls, its relationship name can be obtained by calling this function. If the controlItem represent item from ItemProperty or reference item, then you will obtain its ItemType name.

```
var itemTypeName = controlItem.getItemType();
```

getItemConfigId

Once you have controlItem that represents a row in collection controls, associated item configId can be obtained by calling this function.

```
var itemConfigId = controlItem.getItemConfigId();
```

getRelatedItemType

Once you have controlItem that represents a row or node in collection controls, its related ItemType name can be obtained by calling this function.

```
var relatedItemTypeName = controlItem.getRelatedItemType();
```

