

ApplyMethod

It allows you to call any serverMethod defined on the server side. All the parameters that need to be passed to the method should be packaged in the JSON.

Example 1: Calling serverMethod by passing parameters and getting item in the response

Client Code:

```
const parmObj = { partId: "FB3CBC878D5747DEBF25508B23CF6B5B" };const  
resultObj = appStudioWizard.applyMethod("methodName", parmObj);
```

Server Method:

```
string partId = this.getProperty("partId");if(partId == null) throw new  
Exception("Please provide partId.");
```

```
Item partItem = this.getInnovator().newItem("Part",  
"get");partItem.setID(partId);partItem =  
partItem.apply();if(partItem.isError() && partItem.isEmpty()) throw new  
Exception("No items found.");
```

```
return partItem;
```

Example 2: Calling serverMethod by passing json and getting json in the response

Client Code:

```
const partDetails = { classification: "Component", make_buy: "Make" };  
const body = { request: JSON.stringify(partDetails) };  
const resultObj = appStudioWizard.applyMethod("methodName", body);
```

Server Method:

```
string partDetailsString = this.getProperty("request");var partDetails =  
new Newtonsoft.Json.Linq.JObject();  
if (partDetailsString == null) {  
    throw new Exception("Please provide partDetails.");}  
else { partDetails =  
    Newtonsoft.Json.Linq.JObject.Parse(partDetailsString);}
```



```

    string classification =
partDetails.SelectToken("$.classification")?.ToString();
    string make_buy = partDetails.SelectToken("$.make_buy")?.ToString();
    Item query = this.getInnovator().NewItem("Part", "get");
    query.setAttribute("select", "item_number, name, classification,
make_buy");
    query.setProperty("classification",
classification);query.setProperty("make_buy", make_buy);var partItems =
query.apply();
    if(partItems.isError() && partItems.isEmpty()) throw new Exception("No
items found");

return partItems;

```

```

Output:[ { "classification": "Component", "make_buy": "Make", "name":
"Trunk", "item number": "004", "itemtype":
"4F1AC04A2B484F3ABA4E20DB63808A88" }, ...]

```

