

# Get Carts (After)

This action occurs after a GET operation is run against the cart, with the exception of getting cart summaries. Changes made to the cart or cart items in this action persist in Kibo eCommerce.

<b>Action Type</b>	Embedded
<b>Full Action ID</b>	embedded.commerce.carts.get.after
<b>Runs multiple custom functions?</b>	No

## JavaScript File Structure

Action files share the following basic structure:

```
module.exports = function(context, callback) {  
  // Your custom code here  
  callback();  
};
```

When you code the custom function for an action, you have access to two arguments:

**callback** —This argument follows the established JavaScript callback pattern: it takes an error as the first argument (or null if there is no error) and a result as the second argument (if required).

**context** —This argument provides the function access to relevant objects and methods that interface with Kibo eCommerce.

## Context: Cart

The methods and objects documented here are available to this action through the use of the **context** argument.

### Microservice Operation

This action corresponds to the microservice that gets a cart.

## Get

### get.cart

Obtains a response that includes information about the current cart.

Parameter	Type	Description
N/A	N/A	N/A

Example:

```
context.get.cart();
```

Response:

```
{
  "auditInfo": {
    "createBy": "string",
    "createDate": "DateTime",
    "updateBy": "string",
    "updateDate": "DateTime"
  },
  "changeMessages": [
    {
      "amount": "decimal",
      "appld": "string",
      "appKey": "string",
      "appName": "string",
      "correlationId": "string",
      "createDate": "DateTime",
      "id": "string",
      "identifier": "string",
      "message": "string",
      "metadata": "object",
      "newValue": "string",
      "oldValue": "string",
      "subject": "string",
      "subjectType": "string",
      "success": "bool",
      "userFirstName": "string",
      "userId": "string",
      "userLastName": "string",
      "userScopeType": "string",
      "verb": "string"
    }
  ],
  "channelCode": "string",
  "couponCodes": "string",
  "currencyCode": "string",
  "customerInteractionType": "string",
  "data": "string",
  "discountedSubtotal": "decimal",
  "discountedTotal": "decimal",
  "discountTotal": "decimal",
  "expirationDate": "DateTime",
  "extendedProperties": [
    {
      "key": "string",
      "value": "string"
    }
  ],
  "feeTotal": "decimal",
  "fulfillmentInfo": {
    "auditInfo": {
      "createBy": "string",
      "createDate": "DateTime",
      "updateBy": "string",
      "updateDate": "DateTime"
    }
  }
}
```



```
"isRecurring": "bool",
"isTaxable": "bool",
"itemTaxTotal": "decimal",
"lineId": "int",
"localeCode": "string",
"product": {
  "allocationExpiration": "DateTime",
  "allocationId": "int",
  "bundledProducts": [
    {
      "allocationExpiration": "DateTime",
      "allocationId": "int",
      "creditValue": "decimal",
      "description": "string",
      "fulfillmentStatus": "string",
      "goodsType": "string",
      "isPackagedStandAlone": "bool",
      "measurements": {
        "height": {
          "unit": "string",
          "value": "decimal"
        },
        "length": {
          "unit": "string",
          "value": "decimal"
        },
        "weight": {
          "unit": "string",
          "value": "decimal"
        },
        "width": {
          "unit": "string",
          "value": "decimal"
        }
      }
    },
    {
      "name": "string",
      "optionAttributeFQN": "string",
      "optionValue": "object",
      "productCode": "string",
      "productReservationId": "int",
      "quantity": "int"
    }
  ],
  "categories": [
    {
      "id": "int",
      "parent": "self"
    }
  ],
  "description": "string",
  "discountsRestricted": "bool",
  "discountsRestrictedEndDate": "DateTime",
  "discountsRestrictedStartDate": "DateTime",
  "fulfillmentStatus": "string",
  "fulfillmentTypesSupported": "string",
  "goodsType": "string",
  "imageAlternateText": "string",
  "imageUrl": "string",
  "isPackagedStandAlone": "bool",
  "isRecurring": "bool".
```

```
    "isTaxable": "bool",
    "measurements": {
      "height": {
        "unit": "string",
        "value": "decimal"
      },
      "length": {
        "unit": "string",
        "value": "decimal"
      },
      "weight": {
        "unit": "string",
        "value": "decimal"
      },
      "width": {
        "unit": "string",
        "value": "decimal"
      }
    },
    "mfgPartNumber": "string",
    "name": "string",
    "options": [
      {
        "attributeFQN": "string",
        "dataType": "string",
        "name": "string",
        "shopperEnteredValue": "object",
        "stringValue": "string",
        "value": "object"
      }
    ],
    "price": {
      "creditValue": "decimal",
      "msrp": "decimal",
      "price": "decimal",
      "salePrice": "decimal",
      "tenantOverridePrice": "decimal"
    },
    "productCode": "string",
    "productReservationId": "int",
    "productType": "string",
    "productUsage": "string",
    "properties": [
      {
        "attributeFQN": "string",
        "dataType": "string",
        "isMultiValue": "bool",
        "name": "string",
        "values": [
          {
            "stringValue": "string",
            "value": "object"
          }
        ]
      }
    ],
    "upc": "string",
    "variationProductCode": "string"
  },
```

```
"productDiscount": {
  "appliesToSalePrice": "bool",
  "couponCode": "string",
  "discount": {
    "expirationDate": "DateTime",
    "id": "int",
    "itemIds": "string",
    "name": "string"
  },
  "discountQuantity": "int",
  "excluded": "bool",
  "impact": "decimal",
  "impactPerUnit": "decimal",
  "productQuantity": "int"
},
"productDiscounts": [
  {
    "appliesToSalePrice": "bool",
    "couponCode": "string",
    "discount": {
      "expirationDate": "DateTime",
      "id": "int",
      "itemIds": "string",
      "name": "string"
    },
    "discountQuantity": "int",
    "excluded": "bool",
    "impact": "decimal",
    "impactPerUnit": "decimal",
    "productQuantity": "int"
  }
],
"quantity": "int",
"shippingDiscounts": [
  {
    "discount": {
      "couponCode": "string",
      "discount": {
        "expirationDate": "DateTime",
        "id": "int",
        "itemIds": "string",
        "name": "string"
      },
      "excluded": "bool",
      "impact": "decimal"
    },
    "discountQuantity": "int",
    "impactPerUnit": "decimal",
    "methodCode": "string"
  }
],
"shippingTaxTotal": "decimal",
"shippingTotal": "decimal",
"subtotal": "decimal",
"taxableTotal": "decimal",
"total": "decimal",
"unitPrice": {
  "extendedAmount": "decimal",
  "listAmount": "decimal",
  "overrideAmount": "decimal"
```

```

    "saleAmount": "decimal"
  }
}
],
"itemTaxTotal": "decimal",
"lastValidationDate": "DateTime",
"orderDiscounts": [
  {
    "couponCode": "string",
    "discount": {
      "expirationDate": "DateTime",
      "id": "int",
      "itemIds": "string",
      "name": "string"
    },
    "excluded": "bool",
    "impact": "decimal"
  }
],
"shippingSubTotal": "decimal",
"shippingTaxTotal": "decimal",
"shippingTotal": "decimal",
"siteld": "int",
"subtotal": "decimal",
"taxTotal": "decimal",
"tenantId": "int",
"total": "decimal",
"userId": "string",
"visitId": "string",
"webSessionId": "string"
}

```

For information about the properties in the response, refer to the [REST API Help](#).

## Exec

### exec.setData

Sets custom key/value data on the current cart.

Parameter	Type	Description
key	string	Key of the data to set on the cart.
value	object	Value of the data to set.

Example:

```
context.exec.setData("customField", value);
```

Response:

```

{

```

```
"auditInfo": {
  "createBy": "string",
  "createDate": "DateTime",
  "updateBy": "string",
  "updateDate": "DateTime"
},
"changeMessages": [
  {
    "amount": "decimal",
    "appld": "string",
    "appKey": "string",
    "appName": "string",
    "correlationId": "string",
    "createDate": "DateTime",
    "id": "string",
    "identifier": "string",
    "message": "string",
    "metadata": "object",
    "newValue": "string",
    "oldValue": "string",
    "subject": "string",
    "subjectType": "string",
    "success": "bool",
    "userFirstName": "string",
    "userId": "string",
    "userLastName": "string",
    "userScopeType": "string",
    "verb": "string"
  }
],
"channelCode": "string",
"couponCodes": "string",
"currencyCode": "string",
"customerInteractionType": "string",
"data": "string",
"discountedSubtotal": "decimal",
"discountedTotal": "decimal",
"discountTotal": "decimal",
"expirationDate": "DateTime",
"extendedProperties": [
  {
    "key": "string",
    "value": "string"
  }
],
"feeTotal": "decimal",
"fulfillmentInfo": {
  "auditInfo": {
    "createBy": "string",
    "createDate": "DateTime",
    "updateBy": "string",
    "updateDate": "DateTime"
  },
  "data": "string",
  "fulfillmentContact": {
    "address": {
      "address1": "string",
      "address2": "string",
      "address3": "string",
```



```
"address4": "string",
"addressType": "string",
"cityOrTown": "string",
"countryCode": "string",
"isValidated": "bool",
"postalOrZipCode": "string",
"stateOrProvince": "string"
},
"companyOrOrganization": "string",
"email": "string",
"firstName": "string",
"id": "int",
"lastNameOrSurname": "string",
"middleNameOrInitial": "string",
"phoneNumbers": {
  "home": "string",
  "mobile": "string",
  "work": "string"
}
},
"isDestinationCommercial": "bool",
"shippingMethodCode": "string",
"shippingMethodName": "string"
},
"handlingTaxTotal": "decimal",
"id": "string",
"invalidCoupons": [
  {
    "couponCode": "string",
    "createDate": "DateTime",
    "discountId": "int",
    "reason": "string",
    "reasonCode": "int"
  }
],
"items": [
  {
    "auditInfo": {
      "createBy": "string",
      "createDate": "DateTime",
      "updateBy": "string",
      "updateDate": "DateTime"
    },
    "data": "string",
    "discountedTotal": "decimal",
    "discountTotal": "decimal",
    "extendedTotal": "decimal",
    "feeTotal": "decimal",
    "fulfillmentLocationCode": "string",
    "fulfillmentMethod": "string",
    "handlingAmount": "decimal",
    "id": "string",
    "isRecurring": "bool",
    "isTaxable": "bool",
    "itemTaxTotal": "decimal",
    "lineId": "int",
    "localeCode": "string",
    "product": {
      "allocationExpiration": "DateTime",
      "allocationId": "int"
```

```
allocationId": int ,
"bundledProducts": [
  {
    "allocationExpiration": "DateTime",
    "allocationId": "int",
    "creditValue": "decimal",
    "description": "string",
    "fulfillmentStatus": "string",
    "goodsType": "string",
    "isPackagedStandAlone": "bool",
    "measurements": {
      "height": {
        "unit": "string",
        "value": "decimal"
      },
      "length": {
        "unit": "string",
        "value": "decimal"
      },
      "weight": {
        "unit": "string",
        "value": "decimal"
      },
      "width": {
        "unit": "string",
        "value": "decimal"
      }
    },
    "name": "string",
    "optionAttributeFQN": "string",
    "optionValue": "object",
    "productCode": "string",
    "productReservationId": "int",
    "quantity": "int"
  }
],
"categories": [
  {
    "id": "int",
    "parent": "self"
  }
],
"description": "string",
"discountsRestricted": "bool",
"discountsRestrictedEndDate": "DateTime",
"discountsRestrictedStartDate": "DateTime",
"fulfillmentStatus": "string",
"fulfillmentTypesSupported": "string",
"goodsType": "string",
"imageAlternateText": "string",
"imageUrl": "string",
"isPackagedStandAlone": "bool",
"isRecurring": "bool",
"isTaxable": "bool",
"measurements": {
  "height": {
    "unit": "string",
    "value": "decimal"
  },
  "length": {
```

```

        "unit": "string",
        "value": "decimal"
    },
    "weight": {
        "unit": "string",
        "value": "decimal"
    },
    "width": {
        "unit": "string",
        "value": "decimal"
    }
},
"mfgPartNumber": "string",
"name": "string",
"options": [
    {
        "attributeFQN": "string",
        "dataType": "string",
        "name": "string",
        "shopperEnteredValue": "object",
        "stringValue": "string",
        "value": "object"
    }
],
"price": {
    "creditValue": "decimal",
    "msrp": "decimal",
    "price": "decimal",
    "salePrice": "decimal",
    "tenantOverridePrice": "decimal"
},
"productCode": "string",
"productReservationId": "int",
"productType": "string",
"productUsage": "string",
"properties": [
    {
        "attributeFQN": "string",
        "dataType": "string",
        "isMultiValue": "bool",
        "name": "string",
        "values": [
            {
                "stringValue": "string",
                "value": "object"
            }
        ]
    }
],
"upc": "string",
"variationProductCode": "string"
},
"productDiscount": {
    "appliesToSalePrice": "bool",
    "couponCode": "string",
    "discount": {
        "expirationDate": "DateTime",
        "id": "int",
        "itemIds": "string",
        "name": "string"
    }
}

```

```

    name : string
  },
  "discountQuantity": "int",
  "excluded": "bool",
  "impact": "decimal",
  "impactPerUnit": "decimal",
  "productQuantity": "int"
},
"productDiscounts": [
  {
    "appliesToSalePrice": "bool",
    "couponCode": "string",
    "discount": {
      "expirationDate": "DateTime",
      "id": "int",
      "itemIds": "string",
      "name": "string"
    },
    "discountQuantity": "int",
    "excluded": "bool",
    "impact": "decimal",
    "impactPerUnit": "decimal",
    "productQuantity": "int"
  }
],
"quantity": "int",
"shippingDiscounts": [
  {
    "discount": {
      "couponCode": "string",
      "discount": {
        "expirationDate": "DateTime",
        "id": "int",
        "itemIds": "string",
        "name": "string"
      },
      "excluded": "bool",
      "impact": "decimal"
    },
    "discountQuantity": "int",
    "impactPerUnit": "decimal",
    "methodCode": "string"
  }
],
"shippingTaxTotal": "decimal",
"shippingTotal": "decimal",
"subtotal": "decimal",
"taxableTotal": "decimal",
"total": "decimal",
"unitPrice": {
  "extendedAmount": "decimal",
  "listAmount": "decimal",
  "overrideAmount": "decimal",
  "saleAmount": "decimal"
}
},
],
"itemTaxTotal": "decimal",
"lastValidationDate": "DateTime",
"orderDiscounts": [

```

```

    {
      "couponCode": "string",
      "discount": {
        "expirationDate": "DateTime",
        "id": "int",
        "itemIds": "string",
        "name": "string"
      },
      "excluded": "bool",
      "impact": "decimal"
    }
  ],
  "shippingSubTotal": "decimal",
  "shippingTaxTotal": "decimal",
  "shippingTotal": "decimal",
  "siteId": "int",
  "subtotal": "decimal",
  "taxTotal": "decimal",
  "tenantId": "int",
  "total": "decimal",
  "userId": "string",
  "visitId": "string",
  "webSessionId": "string"
}

```

For information about the properties in the response, refer to the [REST API Help](#).

## exec.removeData

Removes custom key/value data from the specified cart.

Parameter	Type	Description
key	string	Key of the data to remove from the cart.

Example:

```
context.exec.removeData("customField");
```

Response:

```

{
  "auditInfo": {
    "createBy": "string",
    "createDate": "DateTime",
    "updateBy": "string",
    "updateDate": "DateTime"
  },
  "changeMessages": [
    {
      "amount": "decimal",
      "appld": "string",
      "appKey": "string",
      "appName": "string",
      "correlationId": "string",
      "createDate": "DateTime".
    }
  ]
}

```

```
"id": "string",
"identifier": "string",
"message": "string",
"metadata": "object",
"newValue": "string",
"oldValue": "string",
"subject": "string",
"subjectType": "string",
"success": "bool",
"userFirstName": "string",
"userId": "string",
"userLastName": "string",
"userScopeType": "string",
"verb": "string"
}
],
"channelCode": "string",
"couponCodes": "string",
"currencyCode": "string",
"customerInteractionType": "string",
"data": "string",
"discountedSubtotal": "decimal",
"discountedTotal": "decimal",
"discountTotal": "decimal",
"expirationDate": "DateTime",
"extendedProperties": [
  {
    "key": "string",
    "value": "string"
  }
],
"feeTotal": "decimal",
"fulfillmentInfo": {
  "auditInfo": {
    "createBy": "string",
    "createDate": "DateTime",
    "updateBy": "string",
    "updateDate": "DateTime"
  },
  "data": "string",
  "fulfillmentContact": {
    "address": {
      "address1": "string",
      "address2": "string",
      "address3": "string",
      "address4": "string",
      "addressType": "string",
      "cityOrTown": "string",
      "countryCode": "string",
      "isValidated": "bool",
      "postalOrZipCode": "string",
      "stateOrProvince": "string"
    },
    "companyOrOrganization": "string",
    "email": "string",
    "firstName": "string",
    "id": "int",
    "lastNameOrSurname": "string",
    "middleNameOrInitial": "string",
    "phoneNumber": "string",
    "title": "string"
  }
}
```

```
"phoneNumbers": {
  "home": "string",
  "mobile": "string",
  "work": "string"
},
"isDestinationCommercial": "bool",
"shippingMethodCode": "string",
"shippingMethodName": "string"
},
"handlingTaxTotal": "decimal",
"id": "string",
"invalidCoupons": [
  {
    "couponCode": "string",
    "createDate": "DateTime",
    "discountId": "int",
    "reason": "string",
    "reasonCode": "int"
  }
],
"items": [
  {
    "auditInfo": {
      "createBy": "string",
      "createDate": "DateTime",
      "updateBy": "string",
      "updateDate": "DateTime"
    },
    "data": "string",
    "discountedTotal": "decimal",
    "discountTotal": "decimal",
    "extendedTotal": "decimal",
    "feeTotal": "decimal",
    "fulfillmentLocationCode": "string",
    "fulfillmentMethod": "string",
    "handlingAmount": "decimal",
    "id": "string",
    "isRecurring": "bool",
    "isTaxable": "bool",
    "itemTaxTotal": "decimal",
    "lineId": "int",
    "localeCode": "string",
    "product": {
      "allocationExpiration": "DateTime",
      "allocationId": "int",
      "bundledProducts": [
        {
          "allocationExpiration": "DateTime",
          "allocationId": "int",
          "creditValue": "decimal",
          "description": "string",
          "fulfillmentStatus": "string",
          "goodsType": "string",
          "isPackagedStandAlone": "bool",
          "measurements": {
            "height": {
              "unit": "string",
              "value": "decimal"
            }
          }
        }
      ]
    }
  }
]
```

```
    "length": {
      "unit": "string",
      "value": "decimal"
    },
    "weight": {
      "unit": "string",
      "value": "decimal"
    },
    "width": {
      "unit": "string",
      "value": "decimal"
    }
  },
  "name": "string",
  "optionAttributeFQN": "string",
  "optionValue": "object",
  "productCode": "string",
  "productReservationId": "int",
  "quantity": "int"
}
],
"categories": [
  {
    "id": "int",
    "parent": "self"
  }
],
"description": "string",
"discountsRestricted": "bool",
"discountsRestrictedEndDate": "DateTime",
"discountsRestrictedStartDate": "DateTime",
"fulfillmentStatus": "string",
"fulfillmentTypesSupported": "string",
"goodsType": "string",
"imageAlternateText": "string",
"imageUrl": "string",
"isPackagedStandAlone": "bool",
"isRecurring": "bool",
"isTaxable": "bool",
"measurements": {
  "height": {
    "unit": "string",
    "value": "decimal"
  },
  "length": {
    "unit": "string",
    "value": "decimal"
  },
  "weight": {
    "unit": "string",
    "value": "decimal"
  },
  "width": {
    "unit": "string",
    "value": "decimal"
  }
}
},
"mfgPartNumber": "string",
"name": "string",
```



```
"options": [
  {
    "attributeFQN": "string",
    "dataType": "string",
    "name": "string",
    "shopperEnteredValue": "object",
    "stringValue": "string",
    "value": "object"
  }
],
"price": {
  "creditValue": "decimal",
  "msrp": "decimal",
  "price": "decimal",
  "salePrice": "decimal",
  "tenantOverridePrice": "decimal"
},
"productCode": "string",
"productReservationId": "int",
"productType": "string",
"productUsage": "string",
"properties": [
  {
    "attributeFQN": "string",
    "dataType": "string",
    "isMultiValue": "bool",
    "name": "string",
    "values": [
      {
        "stringValue": "string",
        "value": "object"
      }
    ]
  }
],
"upc": "string",
"variationProductCode": "string"
},
"productDiscount": {
  "appliesToSalePrice": "bool",
  "couponCode": "string",
  "discount": {
    "expirationDate": "DateTime",
    "id": "int",
    "itemIds": "string",
    "name": "string"
  },
  "discountQuantity": "int",
  "excluded": "bool",
  "impact": "decimal",
  "impactPerUnit": "decimal",
  "productQuantity": "int"
},
"productDiscounts": [
  {
    "appliesToSalePrice": "bool",
    "couponCode": "string",
    "discount": {
      "expirationDate": "DateTime",
      "id": "int"
```

```

        "itemIds": "string",
        "name": "string"
    },
    "discountQuantity": "int",
    "excluded": "bool",
    "impact": "decimal",
    "impactPerUnit": "decimal",
    "productQuantity": "int"
}
],
"quantity": "int",
"shippingDiscounts": [
    {
        "discount": {
            "couponCode": "string",
            "discount": {
                "expirationDate": "DateTime",
                "id": "int",
                "itemIds": "string",
                "name": "string"
            },
            "excluded": "bool",
            "impact": "decimal"
        },
        "discountQuantity": "int",
        "impactPerUnit": "decimal",
        "methodCode": "string"
    }
],
"shippingTaxTotal": "decimal",
"shippingTotal": "decimal",
"subtotal": "decimal",
"taxableTotal": "decimal",
"total": "decimal",
"unitPrice": {
    "extendedAmount": "decimal",
    "listAmount": "decimal",
    "overrideAmount": "decimal",
    "saleAmount": "decimal"
}
},
"itemTaxTotal": "decimal",
"lastValidationDate": "DateTime",
"orderDiscounts": [
    {
        "couponCode": "string",
        "discount": {
            "expirationDate": "DateTime",
            "id": "int",
            "itemIds": "string",
            "name": "string"
        },
        "excluded": "bool",
        "impact": "decimal"
    }
],
"shippingSubTotal": "decimal",
"shippingTaxTotal": "decimal",

```

```

"shippingTotal": "decimal",
"siteId": "int",
"subtotal": "decimal",
"taxTotal": "decimal",
"tenantId": "int",
"total": "decimal",
"userId": "string",
"visitId": "string",
"webSessionId": "string"
}

```

For information about the properties in the response, refer to the [REST API Help](#).

## exec.setItemData

Sets custom key/value data on a cart item.

Parameter	Type	Description
key	string	Key of the data to set on the cart item.
value	object	Value of the data to set.
itemId	string	Id of the cart item to which the data is applied.

Example:

```
context.exec.setItemData("customField", value, "123");
```

Response:

```

{
  "auditInfo": {
    "createBy": "string",
    "createDate": "DateTime",
    "updateBy": "string",
    "updateDate": "DateTime"
  },
  "data": "string",
  "discountedTotal": "decimal",
  "discountTotal": "decimal",
  "extendedTotal": "decimal",
  "feeTotal": "decimal",
  "fulfillmentLocationCode": "string",
  "fulfillmentMethod": "string",
  "handlingAmount": "decimal",
  "id": "string",
  "isRecurring": "bool",
  "isTaxable": "bool",
  "itemTaxTotal": "decimal",
  "lineId": "int",
  "localeCode": "string",
  "product": {
    "allocationExpiration": "DateTime",

```

```
"allocationId": "int",
"bundledProducts": [
  {
    "allocationExpiration": "DateTime",
    "allocationId": "int",
    "creditValue": "decimal",
    "description": "string",
    "fulfillmentStatus": "string",
    "goodsType": "string",
    "isPackagedStandAlone": "bool",
    "measurements": {
      "height": {
        "unit": "string",
        "value": "decimal"
      },
      "length": {
        "unit": "string",
        "value": "decimal"
      },
      "weight": {
        "unit": "string",
        "value": "decimal"
      },
      "width": {
        "unit": "string",
        "value": "decimal"
      }
    },
    "name": "string",
    "optionAttributeFQN": "string",
    "optionValue": "object",
    "productCode": "string",
    "productReservationId": "int",
    "quantity": "int"
  }
],
"categories": [
  {
    "id": "int",
    "parent": "self"
  }
],
"description": "string",
"discountsRestricted": "bool",
"discountsRestrictedEndDate": "DateTime",
"discountsRestrictedStartDate": "DateTime",
"fulfillmentStatus": "string",
"fulfillmentTypesSupported": "string",
"goodsType": "string",
"imageAlternateText": "string",
"imageUrl": "string",
"isPackagedStandAlone": "bool",
"isRecurring": "bool",
"isTaxable": "bool",
"measurements": {
  "height": {
    "unit": "string",
    "value": "decimal"
  },
  "length": {
```

```
length": {
  "unit": "string",
  "value": "decimal"
},
"weight": {
  "unit": "string",
  "value": "decimal"
},
"width": {
  "unit": "string",
  "value": "decimal"
}
},
"mfgPartNumber": "string",
"name": "string",
"options": [
  {
    "attributeFQN": "string",
    "dataType": "string",
    "name": "string",
    "shopperEnteredValue": "object",
    "stringValue": "string",
    "value": "object"
  }
],
"price": {
  "creditValue": "decimal",
  "msrp": "decimal",
  "price": "decimal",
  "salePrice": "decimal",
  "tenantOverridePrice": "decimal"
},
"productCode": "string",
"productReservationId": "int",
"productType": "string",
"productUsage": "string",
"properties": [
  {
    "attributeFQN": "string",
    "dataType": "string",
    "isMultiValue": "bool",
    "name": "string",
    "values": [
      {
        "stringValue": "string",
        "value": "object"
      }
    ]
  }
],
"upc": "string",
"variationProductCode": "string"
},
"productDiscount": {
  "appliesToSalePrice": "bool",
  "couponCode": "string",
  "discount": {
    "expirationDate": "DateTime",
    "id": "int",
    "itemIds": "string",
```

```

    "name": "string"
  },
  "discountQuantity": "int",
  "excluded": "bool",
  "impact": "decimal",
  "impactPerUnit": "decimal",
  "productQuantity": "int"
},
"productDiscounts": [
  {
    "appliesToSalePrice": "bool",
    "couponCode": "string",
    "discount": {
      "expirationDate": "DateTime",
      "id": "int",
      "itemIds": "string",
      "name": "string"
    },
    "discountQuantity": "int",
    "excluded": "bool",
    "impact": "decimal",
    "impactPerUnit": "decimal",
    "productQuantity": "int"
  }
],
"quantity": "int",
"shippingDiscounts": [
  {
    "discount": {
      "couponCode": "string",
      "discount": {
        "expirationDate": "DateTime",
        "id": "int",
        "itemIds": "string",
        "name": "string"
      },
      "excluded": "bool",
      "impact": "decimal"
    },
    "discountQuantity": "int",
    "impactPerUnit": "decimal",
    "methodCode": "string"
  }
],
"shippingTaxTotal": "decimal",
"shippingTotal": "decimal",
"subtotal": "decimal",
"taxableTotal": "decimal",
"total": "decimal",
"unitPrice": {
  "extendedAmount": "decimal",
  "listAmount": "decimal",
  "overrideAmount": "decimal",
  "saleAmount": "decimal"
}
}

```

For information about the properties in the response, refer to the [REST API Help](#).

## exec.removeItemData

Removes custom key/value data from a cart item.

Parameter	Type	Description
key	string	Key of the data to remove from the cart item.
itemId	string	Id of the item from which to remove data if applied to a line item that is not the current line item. Current line item only applies when called from a cart item action.

Example:

```
context.exec.removeItemData("customField", "123");
```

Response:

```
{
  "auditInfo": {
    "createBy": "string",
    "createDate": "DateTime",
    "updateBy": "string",
    "updateDate": "DateTime"
  },
  "data": "string",
  "discountedTotal": "decimal",
  "discountTotal": "decimal",
  "extendedTotal": "decimal",
  "feeTotal": "decimal",
  "fulfillmentLocationCode": "string",
  "fulfillmentMethod": "string",
  "handlingAmount": "decimal",
  "id": "string",
  "isRecurring": "bool",
  "isTaxable": "bool",
  "itemTaxTotal": "decimal",
  "lineId": "int",
  "localeCode": "string",
  "product": {
    "allocationExpiration": "DateTime",
    "allocationId": "int",
    "bundledProducts": [
      {
        "allocationExpiration": "DateTime",
        "allocationId": "int",
        "creditValue": "decimal",
        "description": "string",
        "fulfillmentStatus": "string",
        "goodsType": "string",
        "isPackagedStandAlone": "bool",
        "measurements": {
          "height": {
            "unit": "string",
            "value": "decimal"
          }
        }
      }
    ]
  }
}
```

```
    },
    "length": {
      "unit": "string",
      "value": "decimal"
    },
    "weight": {
      "unit": "string",
      "value": "decimal"
    },
    "width": {
      "unit": "string",
      "value": "decimal"
    }
  },
  "name": "string",
  "optionAttributeFQN": "string",
  "optionValue": "object",
  "productCode": "string",
  "productReservationId": "int",
  "quantity": "int"
}
],
"categories": [
  {
    "id": "int",
    "parent": "self"
  }
],
"description": "string",
"discountsRestricted": "bool",
"discountsRestrictedEndDate": "DateTime",
"discountsRestrictedStartDate": "DateTime",
"fulfillmentStatus": "string",
"fulfillmentTypesSupported": "string",
"goodsType": "string",
"imageAlternateText": "string",
"imageUrl": "string",
"isPackagedStandAlone": "bool",
"isRecurring": "bool",
"isTaxable": "bool",
"measurements": {
  "height": {
    "unit": "string",
    "value": "decimal"
  },
  "length": {
    "unit": "string",
    "value": "decimal"
  },
  "weight": {
    "unit": "string",
    "value": "decimal"
  },
  "width": {
    "unit": "string",
    "value": "decimal"
  }
}
},
"mfgPartNumber": "string",
"name": "string"
```



```

name: string,
"options": [
  {
    "attributeFQN": "string",
    "dataType": "string",
    "name": "string",
    "shopperEnteredValue": "object",
    "stringValue": "string",
    "value": "object"
  }
],
"price": {
  "creditValue": "decimal",
  "msrp": "decimal",
  "price": "decimal",
  "salePrice": "decimal",
  "tenantOverridePrice": "decimal"
},
"productCode": "string",
"productReservationId": "int",
"productType": "string",
"productUsage": "string",
"properties": [
  {
    "attributeFQN": "string",
    "dataType": "string",
    "isMultiValue": "bool",
    "name": "string",
    "values": [
      {
        "stringValue": "string",
        "value": "object"
      }
    ]
  }
],
"upc": "string",
"variationProductCode": "string"
},
"productDiscount": {
  "appliesToSalePrice": "bool",
  "couponCode": "string",
  "discount": {
    "expirationDate": "DateTime",
    "id": "int",
    "itemIds": "string",
    "name": "string"
  },
  "discountQuantity": "int",
  "excluded": "bool",
  "impact": "decimal",
  "impactPerUnit": "decimal",
  "productQuantity": "int"
},
"productDiscounts": [
  {
    "appliesToSalePrice": "bool",
    "couponCode": "string",
    "discount": {
      "expirationDate": "DateTime",

```

```

    "id": "int",
    "itemIds": "string",
    "name": "string"
  },
  "discountQuantity": "int",
  "excluded": "bool",
  "impact": "decimal",
  "impactPerUnit": "decimal",
  "productQuantity": "int"
}
],
"quantity": "int",
"shippingDiscounts": [
  {
    "discount": {
      "couponCode": "string",
      "discount": {
        "expirationDate": "DateTime",
        "id": "int",
        "itemIds": "string",
        "name": "string"
      },
      "excluded": "bool",
      "impact": "decimal"
    },
    "discountQuantity": "int",
    "impactPerUnit": "decimal",
    "methodCode": "string"
  }
],
"shippingTaxTotal": "decimal",
"shippingTotal": "decimal",
"subtotal": "decimal",
"taxableTotal": "decimal",
"total": "decimal",
"unitPrice": {
  "extendedAmount": "decimal",
  "listAmount": "decimal",
  "overrideAmount": "decimal",
  "saleAmount": "decimal"
}
}
}

```

For information about the properties in the response, refer to the [REST API Help](#).

## exec.setItemAllocation

Sets soft allocation information on a cart item.

Parameter	Type	Description
allocationId	int	Id of the allocation to set on the cart item.
expiration	date/time	Date/time of the allocation expiration.
productCode	string	Code of the product or product variation that is allocated.

Parameter	Type	Description
itemId	string	Id of the item to set the allocation on if applied to a line item that is not the current line item. Current line item only applies when called for a cart item action.

Example:

```
context.exec.setItemAllocation(5, dateVariable, "LUC-SAMPLE-PROD", "123");
```

Response:

```
{
  "auditInfo": {
    "createBy": "string",
    "createDate": "DateTime",
    "updateBy": "string",
    "updateDate": "DateTime"
  },
  "data": "string",
  "discountedTotal": "decimal",
  "discountTotal": "decimal",
  "extendedTotal": "decimal",
  "feeTotal": "decimal",
  "fulfillmentLocationCode": "string",
  "fulfillmentMethod": "string",
  "handlingAmount": "decimal",
  "id": "string",
  "isRecurring": "bool",
  "isTaxable": "bool",
  "itemTaxTotal": "decimal",
  "lineId": "int",
  "localeCode": "string",
  "product": {
    "allocationExpiration": "DateTime",
    "allocationId": "int",
    "bundledProducts": [
      {
        "allocationExpiration": "DateTime",
        "allocationId": "int",
        "creditValue": "decimal",
        "description": "string",
        "fulfillmentStatus": "string",
        "goodsType": "string",
        "isPackagedStandAlone": "bool",
        "measurements": {
          "height": {
            "unit": "string",
            "value": "decimal"
          },
          "length": {
            "unit": "string",
            "value": "decimal"
          },
          "weight": {
            "unit": "string",

```

```
        "value": "decimal"
      },
      "width": {
        "unit": "string",
        "value": "decimal"
      }
    },
    "name": "string",
    "optionAttributeFQN": "string",
    "optionValue": "object",
    "productCode": "string",
    "productReservationId": "int",
    "quantity": "int"
  }
],
"categories": [
  {
    "id": "int",
    "parent": "self"
  }
],
"description": "string",
"discountsRestricted": "bool",
"discountsRestrictedEndDate": "DateTime",
"discountsRestrictedStartDate": "DateTime",
"fulfillmentStatus": "string",
"fulfillmentTypesSupported": "string",
"goodsType": "string",
"imageAlternateText": "string",
"imageUrl": "string",
"isPackagedStandAlone": "bool",
"isRecurring": "bool",
"isTaxable": "bool",
"measurements": {
  "height": {
    "unit": "string",
    "value": "decimal"
  },
  "length": {
    "unit": "string",
    "value": "decimal"
  },
  "weight": {
    "unit": "string",
    "value": "decimal"
  },
  "width": {
    "unit": "string",
    "value": "decimal"
  }
},
"mfgPartNumber": "string",
"name": "string",
"options": [
  {
    "attributeFQN": "string",
    "dataType": "string",
    "name": "string",
    "shopperEnteredValue": "object",
    "stringValue": "string"
  }
]
```

```
        stringValue: string ,
        "value": "object"
    }
},
"price": {
    "creditValue": "decimal",
    "msrp": "decimal",
    "price": "decimal",
    "salePrice": "decimal",
    "tenantOverridePrice": "decimal"
},
"productCode": "string",
"productReservationId": "int",
"productType": "string",
"productUsage": "string",
"properties": [
    {
        "attributeFQN": "string",
        "dataType": "string",
        "isMultiValue": "bool",
        "name": "string",
        "values": [
            {
                "stringValue": "string",
                "value": "object"
            }
        ]
    }
],
"upc": "string",
"variationProductCode": "string"
},
"productDiscount": {
    "appliesToSalePrice": "bool",
    "couponCode": "string",
    "discount": {
        "expirationDate": "DateTime",
        "id": "int",
        "itemIds": "string",
        "name": "string"
    },
    "discountQuantity": "int",
    "excluded": "bool",
    "impact": "decimal",
    "impactPerUnit": "decimal",
    "productQuantity": "int"
},
"productDiscounts": [
    {
        "appliesToSalePrice": "bool",
        "couponCode": "string",
        "discount": {
            "expirationDate": "DateTime",
            "id": "int",
            "itemIds": "string",
            "name": "string"
        },
        "discountQuantity": "int",
        "excluded": "bool",
        "impact": "decimal",
```

```

    "impactPerUnit": "decimal",
    "productQuantity": "int"
  }
],
"quantity": "int",
"shippingDiscounts": [
  {
    "discount": {
      "couponCode": "string",
      "discount": {
        "expirationDate": "DateTime",
        "id": "int",
        "itemIds": "string",
        "name": "string"
      },
      "excluded": "bool",
      "impact": "decimal"
    },
    "discountQuantity": "int",
    "impactPerUnit": "decimal",
    "methodCode": "string"
  }
],
"shippingTaxTotal": "decimal",
"shippingTotal": "decimal",
"subtotal": "decimal",
"taxableTotal": "decimal",
"total": "decimal",
"unitPrice": {
  "extendedAmount": "decimal",
  "listAmount": "decimal",
  "overrideAmount": "decimal",
  "saleAmount": "decimal"
}
}

```

For information about the properties in the response, refer to the [REST API Help](#).

## exec.removeItem

Removes an item from the cart.

Parameter	Type	Description
itemId	string	Id of the item to remove.

Example:

```
context.exec.removeItem("123");
```

Response:

```

{
  "auditInfo": {
    "createBy": "string",
    "createDate": "DateTime".
  }
}

```

```
"updateBy": "string",
"updateDate": "DateTime"
},
"changeMessages": [
  {
    "amount": "decimal",
    "appld": "string",
    "appKey": "string",
    "appName": "string",
    "correlationId": "string",
    "createDate": "DateTime",
    "id": "string",
    "identifier": "string",
    "message": "string",
    "metadata": "object",
    "newValue": "string",
    "oldValue": "string",
    "subject": "string",
    "subjectType": "string",
    "success": "bool",
    "userFirstName": "string",
    "userId": "string",
    "userLastName": "string",
    "userScopeType": "string",
    "verb": "string"
  }
],
"channelCode": "string",
"couponCodes": "string",
"currencyCode": "string",
"customerInteractionType": "string",
"data": "string",
"discountedSubtotal": "decimal",
"discountedTotal": "decimal",
"discountTotal": "decimal",
"expirationDate": "DateTime",
"extendedProperties": [
  {
    "key": "string",
    "value": "string"
  }
],
"feeTotal": "decimal",
"fulfillmentInfo": {
  "auditInfo": {
    "createBy": "string",
    "createDate": "DateTime",
    "updateBy": "string",
    "updateDate": "DateTime"
  },
  "data": "string",
  "fulfillmentContact": {
    "address": {
      "address1": "string",
      "address2": "string",
      "address3": "string",
      "address4": "string",
      "addressType": "string",
      "cityOrTown": "string",
      "country": "string",
      "county": "string",
      "postalCode": "string",
      "state": "string",
      "zip": "string"
    }
  }
}
```

```
"countryCode": "string",
"isValidated": "bool",
"postalOrZipCode": "string",
"stateOrProvince": "string"
},
"companyOrOrganization": "string",
"email": "string",
"firstName": "string",
"id": "int",
"lastNameOrSurname": "string",
"middleNameOrInitial": "string",
"phoneNumbers": {
  "home": "string",
  "mobile": "string",
  "work": "string"
}
},
"isDestinationCommercial": "bool",
"shippingMethodCode": "string",
"shippingMethodName": "string"
},
"handlingTaxTotal": "decimal",
"id": "string",
"invalidCoupons": [
  {
    "couponCode": "string",
    "createDate": "DateTime",
    "discountId": "int",
    "reason": "string",
    "reasonCode": "int"
  }
],
"items": [
  {
    "auditInfo": {
      "createBy": "string",
      "createDate": "DateTime",
      "updateBy": "string",
      "updateDate": "DateTime"
    },
    "data": "string",
    "discountedTotal": "decimal",
    "discountTotal": "decimal",
    "extendedTotal": "decimal",
    "feeTotal": "decimal",
    "fulfillmentLocationCode": "string",
    "fulfillmentMethod": "string",
    "handlingAmount": "decimal",
    "id": "string",
    "isRecurring": "bool",
    "isTaxable": "bool",
    "itemTaxTotal": "decimal",
    "lineId": "int",
    "localeCode": "string",
    "product": {
      "allocationExpiration": "DateTime",
      "allocationId": "int",
      "bundledProducts": [
        {
          "allocationExpiration": "DateTime",
```



```
"allocationId": "int",
"creditValue": "decimal",
"description": "string",
"fulfillmentStatus": "string",
"goodsType": "string",
"isPackagedStandAlone": "bool",
"measurements": {
  "height": {
    "unit": "string",
    "value": "decimal"
  },
  "length": {
    "unit": "string",
    "value": "decimal"
  },
  "weight": {
    "unit": "string",
    "value": "decimal"
  },
  "width": {
    "unit": "string",
    "value": "decimal"
  }
},
"name": "string",
"optionAttributeFQN": "string",
"optionValue": "object",
"productCode": "string",
"productReservationId": "int",
"quantity": "int"
},
"categories": [
  {
    "id": "int",
    "parent": "self"
  }
],
"description": "string",
"discountsRestricted": "bool",
"discountsRestrictedEndDate": "DateTime",
"discountsRestrictedStartDate": "DateTime",
"fulfillmentStatus": "string",
"fulfillmentTypesSupported": "string",
"goodsType": "string",
"imageAlternateText": "string",
"imageUrl": "string",
"isPackagedStandAlone": "bool",
"isRecurring": "bool",
"isTaxable": "bool",
"measurements": {
  "height": {
    "unit": "string",
    "value": "decimal"
  },
  "length": {
    "unit": "string",
    "value": "decimal"
  },

```

```
"weight": {
  "unit": "string",
  "value": "decimal"
},
"width": {
  "unit": "string",
  "value": "decimal"
}
},
"mfgPartNumber": "string",
"name": "string",
"options": [
  {
    "attributeFQN": "string",
    "dataType": "string",
    "name": "string",
    "shopperEnteredValue": "object",
    "stringValue": "string",
    "value": "object"
  }
],
"price": {
  "creditValue": "decimal",
  "msrp": "decimal",
  "price": "decimal",
  "salePrice": "decimal",
  "tenantOverridePrice": "decimal"
},
"productCode": "string",
"productReservationId": "int",
"productType": "string",
"productUsage": "string",
"properties": [
  {
    "attributeFQN": "string",
    "dataType": "string",
    "isMultiValue": "bool",
    "name": "string",
    "values": [
      {
        "stringValue": "string",
        "value": "object"
      }
    ]
  }
],
"upc": "string",
"variationProductCode": "string"
},
"productDiscount": {
  "appliesToSalePrice": "bool",
  "couponCode": "string",
  "discount": {
    "expirationDate": "DateTime",
    "id": "int",
    "itemIds": "string",
    "name": "string"
  },
  "discountQuantity": "int",
  "excluded": "bool"
```

```

    "excluded": "bool",
    "impact": "decimal",
    "impactPerUnit": "decimal",
    "productQuantity": "int"
  },
  "productDiscounts": [
    {
      "appliesToSalePrice": "bool",
      "couponCode": "string",
      "discount": {
        "expirationDate": "DateTime",
        "id": "int",
        "itemIds": "string",
        "name": "string"
      },
      "discountQuantity": "int",
      "excluded": "bool",
      "impact": "decimal",
      "impactPerUnit": "decimal",
      "productQuantity": "int"
    }
  ],
  "quantity": "int",
  "shippingDiscounts": [
    {
      "discount": {
        "couponCode": "string",
        "discount": {
          "expirationDate": "DateTime",
          "id": "int",
          "itemIds": "string",
          "name": "string"
        },
        "excluded": "bool",
        "impact": "decimal"
      },
      "discountQuantity": "int",
      "impactPerUnit": "decimal",
      "methodCode": "string"
    }
  ],
  "shippingTaxTotal": "decimal",
  "shippingTotal": "decimal",
  "subtotal": "decimal",
  "taxableTotal": "decimal",
  "total": "decimal",
  "unitPrice": {
    "extendedAmount": "decimal",
    "listAmount": "decimal",
    "overrideAmount": "decimal",
    "saleAmount": "decimal"
  }
},
"itemTaxTotal": "decimal",
"lastValidationDate": "DateTime",
"orderDiscounts": [
  {
    "couponCode": "string",
    "discount": {

```

```

    "expirationDate": "DateTime",
    "id": "int",
    "itemIds": "string",
    "name": "string"
  },
  "excluded": "bool",
  "impact": "decimal"
}
],
"shippingSubTotal": "decimal",
"shippingTaxTotal": "decimal",
"shippingTotal": "decimal",
"siteld": "int",
"subtotal": "decimal",
"taxTotal": "decimal",
"tenantId": "int",
"total": "decimal",
"userId": "string",
"visitId": "string",
"webSessionId": "string"
}

```

For information about the properties in the response, refer to the [REST API Help](#).

## Context Objects Available to All Actions

### apiContext

Accesses Kibo eCommerce tenant information.

Property	Type	Description
baseUrl	string	The base URL for the site.
basePciUrl	string	The base PCI URL for the site.
tenantPod	string	The name of the tenant pod in which the tenant resides.
appClaims	string	The application claims token.
appKey	string	The application key.
tenantId	integer	Unique identifier for the tenant.
siteld	integer	Unique identifier for the site. This ID is used at all levels of a store, catalog, and tenant to associate objects to a site.
masterCatalogId	integer	Unique identifier for the master catalog.
catalogId	integer	The unique identifier for the product catalog. Catalogs are part of a master catalog.

Property	Type	Description
currencyCode	string	The default three-letter ISO currency code for monetary amounts.
previewDate	date/time	The date and time that the content is being viewed. This might be a future date if the content is previewed with an active date range set in the future.
localeCode	string	The locale code per the country code provided. This code determines the localized content to use and display.
correlationId	string	The unique identifier of the API request associated with the event action, which might contain multiple actions.
isAuthorizedAsAdmin	Boolean	Indicates whether the Dev Account user is authorized as an admin.
userClaims	string	The user claims token.

Example:

```
context.apiContext.baseUrl;
```

## configuration

Receives a JSON response that contains information about the configuration data set in the Action Management JSON editor.

Property	Type	Description
Varies	object	Custom fields and values that you can set in the Action Management JSON Editor.

Example:

```
context.configuration.customData;
```