Cancellation Reasons (Before)

This action manipulates the HTTP request or response before the GetCancelReasons operation occurs in Kibo. This enables customization of the order cancellation reasons.

<table>
<thead>
<tr>
<th>Action Type</th>
<th>HTTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Action ID</td>
<td>http.commerce.orders.cancellationReasons.before</td>
</tr>
<tr>
<td>Runs multiple custom functions?</td>
<td>Yes</td>
</tr>
</tbody>
</table>

JavaScript File Structure

Action files share the following basic structure:

```javascript
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.

Context: HTTP

The following methods and objects are available to this action through the use of the `context` argument.

REST API Operation

This action corresponds to the `commerce/orders/cancel/reasons` operation.

HTTP Request

GET api/commerce/orders/cancel/reasons

Request Body

Use `context.request.body` to read/write the HTTP request body using this action.

Response Body

Use `context.response.body` to write the HTTP response body using this action.

Context Objects Available to All HTTP Actions

- `request`
Context Methods Available to All HTTP Actions

- request.get
- response.get
- response.set
- response.set
- response.remove
- response.redirect
- response.end
- get.resource
- get.resourceStatus
- items.urlHelper.getUrl

Context Objects Available to All Actions

- apiContext
- configuration

Context Objects Available to All HTTP Actions

request

Accesses the current HTTP request. In the case of Before actions, updates can be made to the request before Kibo processes it.

<table>
<thead>
<tr>
<th>Properties</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>params</td>
<td>object</td>
<td>The input parameters to the service or webpage.</td>
</tr>
<tr>
<td>headers</td>
<td>object</td>
<td>The request headers.</td>
</tr>
<tr>
<td>method</td>
<td>string</td>
<td>The request method.</td>
</tr>
<tr>
<td>url</td>
<td>string</td>
<td>The request URL.</td>
</tr>
<tr>
<td>path</td>
<td>string</td>
<td>The request path.</td>
</tr>
<tr>
<td>cookies</td>
<td>object</td>
<td>The request cookies.</td>
</tr>
</tbody>
</table>

*Available only for Storefront HTTP actions.
Properties | Type     | Description
---         | ---      | ---
query       | object   | The request query.
href        | string   | The request href.
secure      | Boolean  | Indicates whether the request uses HTTPS.
ip          | string   | The request IP address.
ips         | string   | The request secure IP address.
body        | object   | The request body of the API operation associated with this action.

Example:

```java
context.request.url;
```

**response**

Accesses the current HTTP response. For both Before and After actions, updates can be made to the response before Kibo processes it.

| Properties | Type     | Description
---         | ---      | ---
header      | object   | The response header collection.
viewData    | object   | The viewData collection used by the storefront rendering engine.
            |          | *Available only for Storefront HTTP actions.
viewName    | string   | The response viewName value.
            |          | *Available only for Storefront HTTP actions.
body        | object   | The response body of the API operation associated with this action.
status      | integer  | The response status code.
message     | string   | The response message.
length      | integer  | The response length.
## Response Type

<table>
<thead>
<tr>
<th>Properties</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>string</td>
<td>The response type.</td>
</tr>
</tbody>
</table>

Example:

```javascript
context.response.header;
```

## Context Methods Available to All HTTP Actions

### request.get

Returns an HTTP header value for the specified header key.

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>key</td>
<td>string</td>
<td>The header key.</td>
</tr>
</tbody>
</table>

Example:

```javascript
context.request.get(field);
```

Response:

"object"

### response.get

Gets a field from the response.

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>key</td>
<td>object</td>
<td>The field to obtain.</td>
</tr>
</tbody>
</table>

Example:

```javascript
context.response.get(field);
```

Response:

"string"

### response.set

Sets the HTTP headers for the response.
### response.set

Updates a field in the response.

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>key</td>
<td>string</td>
<td>The key of the field.</td>
</tr>
<tr>
<td>value</td>
<td>string</td>
<td>The value of the field.</td>
</tr>
</tbody>
</table>

**Example:**

```javascript
context.response.set("name", "stuff");
```

Response: N/A

### response.remove

Removes an HTTP header from the response.

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>key</td>
<td>string</td>
<td>The HTTP header to remove.</td>
</tr>
</tbody>
</table>

**Example:**

```javascript
context.response.remove(header);
```

Response: N/A

### response.redirect

Redirects the incoming URL.

---

The values for the HTTP headers.

**Example:**

```javascript
context.response.set({'myCustomHeader': 'howdy'});
```

Response: N/A
<table>
<thead>
<tr>
<th>Parameters</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>url</td>
<td>string</td>
<td>The destination URL.</td>
</tr>
</tbody>
</table>

Example:

```javascript
context.response.redirect("http://someOtherSite/foo");
```

Response: N/A

**response.end**

Ends the response so that other actions or Kibo logic can run. Also, signals the callback to complete.

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Example:

```javascript
context.response.end();
```

Response: N/A

**get.resource**

Returns the currently persisted value of the requested resource. **Not available for all calls.**

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Example:

```javascript
context.get.resource();
```

Response: N/A

**get.resourceStatus**

Gets the HTTP resource status.

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Example:

```java
context.get.resourceStatus();
```

Response: N/A

**items.urlHelper.getUrl**

Gets the current URL.

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>object</td>
<td></td>
<td></td>
</tr>
<tr>
<td>config</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Example:

```java
context.items.urlHelper.getUrl(type, object, config);
```

**Context Objects Available to All Actions**

**apiContext**

Accesses Kibo tenant information.

<table>
<thead>
<tr>
<th>Properties</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>baseUrl</td>
<td>string</td>
<td>The base URL for the site.</td>
</tr>
<tr>
<td>basePciUrl</td>
<td>string</td>
<td>The base PCI URL for the site.</td>
</tr>
<tr>
<td>tenantPod</td>
<td>string</td>
<td>The name of the tenant pod in which the tenant resides.</td>
</tr>
<tr>
<td>appClaims</td>
<td>string</td>
<td>The application claims token.</td>
</tr>
<tr>
<td>appKey</td>
<td>string</td>
<td>The application key.</td>
</tr>
<tr>
<td>tenantId</td>
<td>integer</td>
<td>Unique identifier for the tenant.</td>
</tr>
<tr>
<td>siteId</td>
<td>integer</td>
<td>Unique identifier for the site. This ID is used at all levels of a store,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>catalog, and tenant to associate objects to a site.</td>
</tr>
<tr>
<td>masterCatalogId</td>
<td>integer</td>
<td>Unique identifier for the master catalog.</td>
</tr>
<tr>
<td>Properties</td>
<td>Type</td>
<td>Description</td>
</tr>
<tr>
<td>------------------</td>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>catalogId</td>
<td>integer</td>
<td>The unique identifier for the product catalog. Catalogs are part of a master catalog.</td>
</tr>
<tr>
<td>currencyCode</td>
<td>string</td>
<td>The default three-letter ISO currency code for monetary amounts.</td>
</tr>
<tr>
<td>previewDate</td>
<td>date/time</td>
<td>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.</td>
</tr>
<tr>
<td>localeCode</td>
<td>string</td>
<td>The locale code per the country code provided. This code determines the localized content to use and display.</td>
</tr>
<tr>
<td>correlationId</td>
<td>string</td>
<td>The unique identifier of the API request associated with the event action, which might contain multiple actions.</td>
</tr>
<tr>
<td>isAuthorizedAsAdmin</td>
<td>Boolean</td>
<td>Indicates whether the Dev Account user is authorized as an admin.</td>
</tr>
<tr>
<td>userClaims</td>
<td>string</td>
<td>The user claims token.</td>
</tr>
</tbody>
</table>

Example:

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

**configuration**

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

<table>
<thead>
<tr>
<th>Properties</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varies</td>
<td>object</td>
<td>Custom fields and values that you can set in the Action Management JSON Editor.</td>
</tr>
</tbody>
</table>

Example:

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