# Get Product For Indexing (After)

This action manipulates the HTTP request or response after the GetProductForIndexing operation occurs in Kibo eCommerce. This action can manipulate the product model that is indexed into Solr, which can be useful for creating computed properties.

| | |
|---|---|
| **Action Type** | HTTP |
| **Full Action ID** | http.commerce.catalog.storefront.products.getProductForIndexing.after |
| **Runs multiple custom functions?** | Yes |

### 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: HTTP

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

**REST API Operation**
This action corresponds to the commerce/catalog/storefront/products/GetProductForIndexing operation.

**HTTP Request**

GET `api/commerce/catalog/storefront/products/indexing/{productCode}?responseFields={responseFields}`

**Request Body**
No request body content.

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

# 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 eCommerce processes it.

| Property | Type | Description |
|---|---|---|
| params | object | The input parameters to the service or webpage. |
| headers | object | The request headers. |
| method | string | The request method. |
| url | string | The request URL. |
| path | string | The request path. |
| cookies | object | The request cookies.<br><br>*Available only for Storefront HTTP actions. |
| 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:

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

## response

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

| Property | Type | Description |
| --- | --- | --- |
| header | object | The response header collection. |
| viewData | object | The viewData collection used by the storefront rendering engine.<br><br>*Available only for Storefront HTTP actions. |
| viewName | string | The response viewName value.<br><br>*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. |
| type | string | The response type. |

Example:

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

# Context Methods Available to All HTTP Actions

## request.get

Returns an HTTP header value for the specified header key.

| Parameter | Type | Description |
| --- | --- | --- |
| key | string | The header key. |

Example:

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

Response:

```
"object"
```

## response.get

Gets a field from the response.

| Parameter | Type | Description |
| --- | --- | --- |
| key | object | The field to obtain. |

Example:

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

Response:

```
"string"
```

### response.set

Sets the HTTP headers for the response.

| Parameter | Type | Description |
| --- | --- | --- |
| values | object | The values for the HTTP headers. |

Example:

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

Response: N/A

### response.set2

Updates a field in the response.

| Parameter | Type | Description |
| --- | --- | --- |
| key | string | The key of the field. |
| value | string | The value of the field. |

Example:

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

Response: N/A

### response.remove

Removes an HTTP header from the response.

| Parameter | Type | Description |
| --- | --- | --- |
| key | string | The HTTP header to remove. |

Example:

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

Response: N/A

### response.redirect

Redirects the incoming URL.

| Parameter | Type | Description |
| --- | --- | --- |
| url | string | The destination URL. |

Example:

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

Response: N/A;

### response.end

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

| Parameter | Type | Description |
| --- | --- | --- |
| N/A | N/A | N/A |

Example:

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

Response: N/A

### get.resource

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

| Parameter | Type | Description |
| --- | --- | --- |
| N/A | N/A | N/A |

Example:

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

Response: N/A

### get.resourceStatus

Gets the HTTP resource status.

| Parameter | Type | Description |
| --- | --- | --- |
| N/A | N/A | N/A |

Example:

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

Response: N/A

### items.urlHelper.getUrl

Gets the current URL.

| Parameter | Type | Description |
| --- | --- | --- |
| type | | |
| object | | |
| config | | |

Example:

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

## 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. |

| Property | Type | Description |
| --- | --- | --- |
| 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. |
| siteId | 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. |
| 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;
```