

Item Retrieval

Standard Submission API

The following fields in the API allow the system to identify the filter criteria on the gateway. The submission endpoint address is <http://www.ronlynn.com/RLMServices/services/Item>

The operation name is getSelected

FIELD	REQUIRED	VALUE	MAX LENGTH	DESCRIPTION
AUTHENTICATION	Yes	N/A	N/A	It's encapsulates the authentication values, username and key.
USERNAME	Yes	Any string	N/A	It's the username for the authentication
KEY_VALUE	Yes	Any string	N/A	It's the key encrypted value that matches the username
COMPANY_NUMBER	Yes	Any number	4	Contains the company number
DIVISION_NUMBER	No	Any number	2	Contains the division number
SEASON_CODE	No	Any character	1	Contains the season code
SEASON_YEAR	No	Any number	2	Contains the season year
STYLE_NUMBER	No	Any string	10	Contains the style number
WEB_READY_ONLY	No	Y,N	1	Indicates whether or not to retrieve only web ready styles.
CURRENCY_TYPE	No	Any character	1	Specifies the currency code in which prices are to be retrieved, like 'E' for Euro.
OMIT_DISCONTINUED	No	Y,N	1	Indicates whether or not to omit discontinued styles.
RETRIEVE_UPCS	No	Y,N	1	Indicates whether or not to retrieve

				the UPCs for each style. If not retrieved, then the UPC tag is omitted from the result
START_ROW	No	Any number	N/A	Sets the starting record for the data retrieval.
LIMIT_ROWS	No	Any number	N/A	Limits the number of rows retrieved

Gateway Response API

This section describes the response returned by the gateway when submitted for processing. An XML is returned displaying the some common information, plus a record set with all matching records.

TAG NAME	DESCRIPTION
RESPONSE	Is the main tag of the xml, it encapsulates the entire return value
CODE	A numeric value indicating if there was an error or the execution was successful. 0=Error, 1=Success
DESCRIPTION	A readable text message with the value of "Success" or the error message otherwise
TOTAL_RECORDS	The number of matching records that are returned on the current result, that match your filter criteria
DATA	It shows the name of the actual XML title being displayed, this way if result is saved you know what its displaying. In this case, it has an attribute called TABLENAME that equals ITEM_MASTER
RESET	Encapsulates the record set of rows that were retrieved from the database
REC	Encapsulates each record
COMPANY_NUMBER	Company code value
COMPANY_NAME	Company name value
DIVISION_NUMBER	Division code value
DIVISION_NAME	Division name value
SEASON_CODE	Season code value
SEASON_YEAR	Season year value
SEASON_FORMATTED	It represents the concatenation of season code and season year, separated by a slash
SEASON_NAME	Season name value
DELIVERY_PERIOD	Delivery period code value
INTERNAL_SKU_NUMBER	Unique numeric value that represents the style
STYLE_NUMBER	Style number code value
FABRIC	Fabric code value
LENGTH	Length code value
STYLE_NAME	Description of the style
WS_PRICE_01	Wholesale piece price for category-1
WS_PRICE_02	Wholesale piece price for category-2
WS_PRICE_03	Wholesale piece price for category-3
WS_PRICE_04	Wholesale piece price for category-4
WS_PRICE_05	Wholesale piece price for category-5

WS_PRICE_06	Wholesale piece price for category-6
WS_PRICE_07	Wholesale piece price for category-7
WS_PRICE_08	Wholesale piece price for category-8
RETAIL_PRICE	Retail price value
GROUP_CODE	Group code value
GROUP_NAME	Group name value
CATEGORY_CODE	Category code value
CATEGORY_NAME	Category name value
SIZE_SCALE_01	First size scale code value
SIZE_SCALE_02	Second size scale code value
SIZE_SCALE_03	Third size scale code value
QUOTA_CATEGORY	Country customs class
HTS_NUMBER_01	TSA # for style value
COUNTRY_OF_ORIGIN	Country of origin value
DISCONTINUED_FLAG	Discontinued flag. D=discontinued
ROYALTY_CODE	Royalty code value
EDI_FLAG	Edi flag. Y=set on EDI
EDI_SELECTION_CODE	Quick response upc catalog selection code
LEAD_TIME_IN_DAYS	Projected production lead time
FACTORY_NUMBER	Finished goods factory for design mfg
MATERIAL_CONTENT_CODE	Material content code value
GENDER	Gender code value
SUB_DIVISION_CODE	Sub Division code value
SUB_CATEGORY_CODE	Sub Category code value
USER_CREATED	User that created the record
DATE_CREATED_YYYYMMDD	Creation date of the record, in YYYYMMDD format
COLOR	Color code value
COLOR_DESCRIPTION	Color description value
SIZES	Size codes separated by comma
UPCS	Optional value, only if set to Y on the filter. UPC codes separated by comma. One for each size on the tag above.

Samples

This is a sample of the request

```
<?xml version="1.0" encoding="UTF-8"?>
<ITEM_FILTER>
  <AUTHENTICATION>
    <username>XXUSER</username>
    <key_value>XXKEY</key_value>
  </AUTHENTICATION>
  <COMPANY_NUMBER>1</COMPANY_NUMBER>
  <DIVISION_NUMBER>10</DIVISION_NUMBER>
  <SEASON_CODE>R</SEASON_CODE>
  <SEASON_YEAR>11</SEASON_YEAR>
  <STYLE_NUMBER>1R11007</STYLE_NUMBER>
  <WEB_READY_ONLY>Y</WEB_READY_ONLY>
  <RETRIEVE_UPCS>N</RETRIEVE_UPCS>
  <LIMIT_ROWS>50</LIMIT_ROWS>
</ITEM_FILTER>
```

and this is the response back from the Gateway

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
  <CODE>1</CODE>
  <DESCRIPTION>Success</DESCRIPTION>
  <TOTAL_RECORDS>3</TOTAL_RECORDS>
  <DATA TABLENAME="ITEM_MASTER">
    <RESET>
      <REC>
        <COMPANY_NUMBER>1</COMPANY_NUMBER>
        <COMPANY_NAME>FASHION MANAGER</COMPANY_NAME>
        <DIVISION_NUMBER>10</DIVISION_NUMBER>
        <DIVISION_NAME>Ready To Wear</DIVISION_NAME>
        <SEASON_CODE>R</SEASON_CODE>
        <SEASON_YEAR>11</SEASON_YEAR>
        <SEASON_FORMATTED>R/11</SEASON_FORMATTED>
        <SEASON_NAME>Resort 2011</SEASON_NAME>
        <DELIVERY_PERIOD>1</DELIVERY_PERIOD>
        <INTERNAL_SKU_NUMBER>87</INTERNAL_SKU_NUMBER>
        <STYLE_NUMBER>1R11007</STYLE_NUMBER>
        <FABRIC />
        <LENGTH />
        <STYLE_NAME>MERINO HALTER PULLOVER</STYLE_NAME>
        <WS_PRICE_01>159.00</WS_PRICE_01>
        <WS_PRICE_02>188.00</WS_PRICE_02>
        <WS_PRICE_03>146.00</WS_PRICE_03>
        <WS_PRICE_04>0.00</WS_PRICE_04>
        <WS_PRICE_05>0.00</WS_PRICE_05>
        <WS_PRICE_06>0.00</WS_PRICE_06>
        <WS_PRICE_07>0.00</WS_PRICE_07>
        <WS_PRICE_08>0.00</WS_PRICE_08>
        <RETAIL_PRICE>365.00</RETAIL_PRICE>
        <GROUP_CODE>WO</GROUP_CODE>
        <GROUP_NAME>100% Merino Wool</GROUP_NAME>
        <CATEGORY_CODE>KT</CATEGORY_CODE>
        <CATEGORY_NAME>Knit Top</CATEGORY_NAME>
        <SIZE_SCALE_01>02</SIZE_SCALE_01>
        <SIZE_SCALE_02 />
        <SIZE_SCALE_03 />
        <QUOTA_CATEGORY />
        <HTS_NUMBER_01>6110.30.1510</HTS_NUMBER_01>
        <COUNTRY_OF_ORIGIN>CN</COUNTRY_OF_ORIGIN>
        <DISCONTINUED_FLAG />
        <ROYALTY_CODE />
        <EDI_FLAG>E</EDI_FLAG>
        <EDI_SELECTION_CODE>114</EDI_SELECTION_CODE>
        <LEAD_TIME_IN_DAYS>90</LEAD_TIME_IN_DAYS>
        <FACTORY_NUMBER>0</FACTORY_NUMBER>
        <MATERIAL_CONTENT_CODE />
        <GENDER />
        <SUB_DIVISION_CODE />
        <SUB_CATEGORY_CODE />
        <USER_CREATED>RICK</USER_CREATED>
        <DATE_CREATED_YYYYMMDD>20100601</DATE_CREATED_YYYYMMDD>
        <COLOR>000</COLOR>
        <COLOR_DESCRIPTION>BLACK</COLOR_DESCRIPTION>
        <SIZES>XS,S,M,L</SIZES>
      </REC>
      <REC>
        <COMPANY_NUMBER>1</COMPANY_NUMBER>
        <COMPANY_NAME>FASHION MANAGER</COMPANY_NAME>
        <DIVISION_NUMBER>10</DIVISION_NUMBER>
        <DIVISION_NAME>Ready To Wear</DIVISION_NAME>
        <SEASON_CODE>R</SEASON_CODE>
        <SEASON_YEAR>11</SEASON_YEAR>
        <SEASON_FORMATTED>R/11</SEASON_FORMATTED>
        <SEASON_NAME>Resort 2011</SEASON_NAME>
        <DELIVERY_PERIOD>1</DELIVERY_PERIOD>
```

```
<INTERNAL_SKU_NUMBER>87</INTERNAL_SKU_NUMBER>
<STYLE_NUMBER>1R11007</STYLE_NUMBER>
<FABRIC />
<LENGTH />
<STYLE_NAME>MERINO HALTER PULLOVER</STYLE_NAME>
<WS_PRICE_01>159.00</WS_PRICE_01>
<WS_PRICE_02>188.00</WS_PRICE_02>
<WS_PRICE_03>146.00</WS_PRICE_03>
<WS_PRICE_04>0.00</WS_PRICE_04>
<WS_PRICE_05>0.00</WS_PRICE_05>
<WS_PRICE_06>0.00</WS_PRICE_06>
<WS_PRICE_07>0.00</WS_PRICE_07>
<WS_PRICE_08>0.00</WS_PRICE_08>
<RETAIL_PRICE>365.00</RETAIL_PRICE>
<GROUP_CODE>WO</GROUP_CODE>
<GROUP_NAME>100% Merino Wool</GROUP_NAME>
<CATEGORY_CODE>KT</CATEGORY_CODE>
<CATEGORY_NAME>Knit Top</CATEGORY_NAME>
<SIZE_SCALE_01>02</SIZE_SCALE_01>
<SIZE_SCALE_02 />
<SIZE_SCALE_03 />
<QUOTA_CATEGORY />
<HTS_NUMBER_01>6110.30.1510</HTS_NUMBER_01>
<COUNTRY_OF_ORIGIN>CN</COUNTRY_OF_ORIGIN>
<DISCONTINUED_FLAG />
<ROYALTY_CODE />
<EDI_FLAG>E</EDI_FLAG>
<EDI_SELECTION_CODE>114</EDI_SELECTION_CODE>
<LEAD_TIME_IN_DAYS>90</LEAD_TIME_IN_DAYS>
<FACTORY_NUMBER>0</FACTORY_NUMBER>
<MATERIAL_CONTENT_CODE />
<GENDER />
<SUB_DIVISION_CODE />
<SUB_CATEGORY_CODE />
<USER_CREATED>RICK</USER_CREATED>
<DATE_CREATED_YYYYMMDD>20100601</DATE_CREATED_YYYYMMDD>
<COLOR>487</COLOR>
<COLOR_DESCRIPTION>Overcast</COLOR_DESCRIPTION>
<SIZES>XS,S,M,L</SIZES>
</REC>
</DATA>
</RESPONSE>
```

*Tested from <http://www.ronlynn.com/RLMServices/sampleItem/TestClient.jsp>