

Murphy's Magic Supplies Web Services 4.0

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Confidential Information
Do not distribute externally

About Web Services

Murphy's Magic Supplies, Inc. is committed to helping you, our customer, to be as successful as possible. There has been a growing shift in our industry (especially over the past 15 years) toward a strong web presences and ecommerce driven sites. We have invested in a development team to create custom tools that could assist you in automating several daily processes which, we hope, will afford you more time to invest in your business, provide increased customer support or even decrease the need for human resources.

There is no fee to use our web services, however you may need to hire a professional developer to implement these services into your system. MM does not have the resources to develop an individualized solution. We will do our best to assist your developer should they have any specific questions. Here is a link to advice on [finding a developer](#).

Contents

With Web Services you have access to Physical and Streaming/Downloadable Products information and submitting Orders for all products.

Internal Ids

Because of our internal software change items have different InternalIds. We did however keep backwards compatibility and when you submit InternalIds, it checks if it's an old one, and if so gets the data. If it doesn't match the old InternalId it will then get the new InternalId.

Without going too deep this means the system will determine what type of InternalId is being passed in and return the data as appropriate.

Paging

Paging has been added to specific queries. They will return X amount of results (currently 100 per page). This relieves timeout issues when a query would normally send back all results of 7000 records. These queries must use paging and it's up to you to loop through the pages, execute code on the records, and retrieve the next page.

The effected queries are:

- GetInventoryItems

- GetInventoryItemsAddedBetween
- GetInventoryItemsModifiedBetween
- GetAvailableUpdates

Ordering Process

If you have setup an auto system that uses our Web Services, then you have the most control over your orders to Murphy's. You can add, update or delete** items from your Web Service open order*.

* Web Service Open Order:

Our web services will keep an Open Order for you all the time, your Open Order is also visible to your sales rep, but your sales rep can't process that order unless you submit your order. When you submit an open order you can no longer access that order through Web Service and submitting the order tells your sales rep to process your order for shipment. After submission of your open order, if you add more items to your Open Order, those items will go to a new Open Order. If you do need to add items to the previous order, contact your sales rep before the cut-off time listed in our [terms of service agreement](#).

** Web Service Ordering Process:

You can use "SubmitSalesOrderLineItems" to add items to your open order, as soon as you add item(s) to your Web Service Open Order, that item(s) gets committed to you therefore you don't need to submit your Web Service open order every time you add an item to your open order. After you have finalized your order and ready for submitting, you simply use the function "SubmitOpenSalesOrder". You should be submitting your Web Service Open Order once or twice every day, you can setup a time schedule for those after discussion with your sales rep, so that your order gets submitted in time for your sales rep to process it for shipment the same day. After submitting your Open Order you can keep adding items using "SubmitSalesOrderLineItems", but these items now will be going to a new Open Order. So in short all you have to do for your order processing is submitting items to your open order using "SubmitSalesOrderLineItems" and when ready use "SubmitOpenSalesOrder" to submit that open order for shipment.

Authentication

Authentication is now done by adding a SOAP header to the SOAP request. An object of the type SoapAuthenticationHeader has two properties, Username and Password. It is then attached to the request's SOAP header.

Web Service Functions

All web service functions return a MmsResponse object.

GetAvailableUpdates

Description

Gets all the items that has had their quantity available changed based on a date range.

Input

Data Type	Description
DateTime	Start date
DateTime	End date
Int	Page number

Returns

Data Type	Description
QuantityUpdate []	Item information containg Internal IDs and Quantity Available

GetInventoryItemsUpdatedBetween

Description

Gets all the items that has had their Images, Title, Ad Copy, Videos, Wholesale Price, MSRP, or Product Code changed between two dates.

Input

Data Type	Description
DateTime	Start date
DateTime	End date
Int	Page number

Returns

Data Type	Description
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InventoryItem []	All inventory item's information
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GetInventoryItems

Description

Gets a list of inventory items.

Input

Data Type	Description
Int[]	Internal IDs

Returns

Data Type	Description
InventoryItem[]	All inventory item's information

GetInventoryItemsAvailableQuantities

Description

Gets a list of quantities based on a list of Internal Ids.

Input

Data Type	Description
Int[]	Internal IDs

Returns

Data Type	Description
Int[]	Inventory item quantity

GetInventoryItemsAddedBetween

Description

Get a list of inventory items added between 2 specified dates.

Input

Data Type	Description
DateTime	Start date
DateTime	End date
Int	Page number

Returns

Data Type	Description
InventoryItem[]	All inventory item's information

GetInventoryItemsModifiedBetween

Description

Get a list of inventory items modified between 2 specified dates.

Input

Data Type	Description
DateTime	Start date
DateTime	End date
Int	Page

Returns

Data Type	Description
InventoryItem[]	All inventory item's information

GetOpenSalesOrder

Description

Gets information regarding the current open sales order and a list of inventory items.

Input

None.

Returns

Data Type	Description
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OpenSalesOrder	Sales order information and inventory items associated with this order
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GetInvoiceBySalesOrder

Description

Gets the Invoice # based off a Sales Order #.

Input

Data Type	Description
string	Sales Order #

Returns

Data Type	Description
Invoice	Invoice # associated to a Sales Order #.

OpenSalesOrderAddDropShip

Description

Sets a specific Order to be drop shipped to a specific destination. Only addresses in the United States can be drop shipped.

Input

Data Type	Description
string	Address Name
string	Address Line 1
string	Address Line 2
string	City
string	Zip

Returns

None.

SubmitOpenSalesOrder

Description

Submit the current open sales order if one exists.

Input

None.

Returns

Data Type	Description
OpenSalesOrder	Sales order information and inventory items associated with this order

SubmitSalesOrderLineItems

Description

Submit a list of line items to add to the current open sales order. If there is no open sales order, it will create one.

Input

Data Type	Description
Int[]	Internal IDs
Int[]	Quantities

Returns

Data Type	Description
String	Sales order number e.g. SO-000003243
Decimal	Sales order total

For details on Web Service functions listed here and to see a complete list of all functions available through our web service, please follow this link, <http://ws.murphysmagic.com/V4.asmx>.
