

USER GUIDE



WISHLIST REST APIs - MAGENTO 2

BY



Wishlist REST APIs module is a missing module for REST APIs of Magento's wishlist module. In recent times Wishlist APIs are required in almost every mobile application. This module can give mobile users to have all features which native wishlist module provides.

The Wishlist API module allows the web services API of the wishlist module with Rest API to use wishlist functions in other applications. Using Web Services API, you can call the functions of the wishlist from any third party platform like ERP, Mobile application (iOS, Windows, etc).

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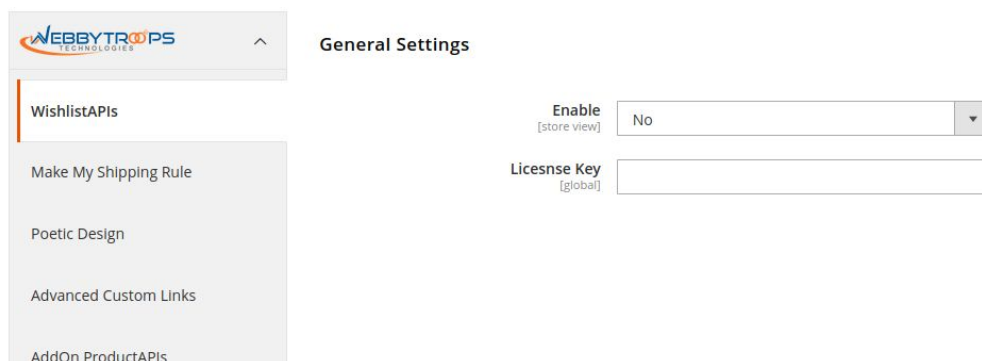
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1. Introduction and Purpose

Purpose of this module is to provide missing APIs for wishlist module as by default Magento does not provide APIs for Wishlist module. This extension contains Add item, remove item, update item, share wishlist, add item into cart from wishlist and add item into wishlist from cart REST APIs.

2. How to enable extension?

Once you get the license key (refer to installation guide) you need to navigate to the WishlistAPIs section under **Stores > Configuration > WebbyTroops**. Once you have added the valid key you will be able to enable this extension. Below is the screenshot where you need to add that license key.



3. Add Item into Wishlist

For api calls you can use any Rest client like Postman or calls via any mobile application which you are building. Below are the steps to add an item into a wishlist. As we have updated the wishlist module and now you can add configurable and bundle products as well in wishlist with their options below are the example of request data for Simple, Configurable and Bundle. You can also move these products from wishlist to cart and vice-versa.

3.1. Use POST /V1/wishlist/add (<https://domain/rest/V1/wishlist/add>).

3.2. Request payload format will be.

Add Simple Products:-

```
{
  "wishlistItems":
  {
    "sku": "MKB445"
  }
}
```

Add Bundle Products:-

```
{
  "wishlistItem": {
    "sku": "MKB446",
    "bundle_options": [
      {
        "option_id": "2",
        "option_selections": [2,3]
      },
      {
        "option_id": "3",
        "option_selections": [3,4]
      }
    ]
  }
}
```

As per the bundle products nature you can have different option types (Radio, Checkbox, Multiselect, Dropdown) to add bundle options. Bundle option id will be the option id and selections will be the selected product for multi select and checkbox it can be multiple choice like [1, 2] and for other types it will be single value.

Add Configurable Products:-

```
{
  "wishlistItem": {
    "sku": "MKB447",
    "configurable_options": [
      {
        "option_id": "93",
        "option_value": 4
      },
      {
        "option_id": "176",
        "option_value": 31
      }
    ]
  }
}
```

```
}  
  ]  
}  
}
```

As request shows option_id will be the id of option which needs to be added to wishlist for example in our case 93 and 141 is attribute id/option id of size and color attribute respectively and 4 and 31 is their value.

3.3. In response you will get all wishlist data.

4. Remove item from wishlist

4.1. Use Delete /V1/wishlist/remove/1 (where 1 is item id)

4.2. In response you will get updated wishlist data.

5. Update item from wishlist

5.1. Use PUT /V1/wishlist/update.

5.2. Configurable and bundle options can be updated as well.

5.3. Request payload format will be.

Simple Products:-

```
{  
  "updateWishlist":{  
    "item_id": "1",  
    "qty": 10,  
    "description": "Description"  
  }  
}
```

Configurable Products:-

```
{  
  "updateWishlist": {  
    "item_id": 296,  
    "qty":1,  
    "description": null,  
    "configurable_options": [  
      {  
        "option_id": "93",  
        "option_value": 4  
      },  
      {  
        "option_id": "176",  
        "option_value": 31  
      }  
    ]  
  }  
}
```

```
    }  
  ]  
  
  }  
}
```

Bundle Products:-

```
{  
  "updateWishlist": {  
    "item_id": 3,  
    "qty": 1,  
    "description": null,  
    "bundle_options": [  
      {  
        "option_id": "2",  
        "option_selections": [2,3]  
      }  
    ]  
  }  
}
```

6. Share wishlist

- 6.1. Use POST /V1/wishlist/share.
- 6.2. Request payload format will be.

```
{  
  "share_wishlist" : {  
    "emails" : [  
      {  
        "email" : "ramkishan@webbytroops.com"  
      },  
      {  
        "email" : "ramkishan+1@webbytroops.com"  
      }  
    ]  
  },  
  "comments" : "Test Comments"  
}
```

7. Add item into cart from wishlist

- 7.1. POST /V1/wishlist/move-to-cart
- 7.2. While adding items from wishlist to cart now you can add configurable and bundle products into cart.

7.3. Request payload format will be.

Simple Products:-

```
{
  "moveToCart":{
    "item_id": "1",
    "qty": 10
  }
}
```

Configurable Products:-

```
{
  "moveToCart": {
    "item_id": 2,
    "qty":10,
    "configurable_options": [
      {
        "option_id": "93",
        "option_value": 4
      },
      {
        "option_id": "176",
        "option_value": 31
      }
    ]
  }
}
```

Bundle Products:-

```
{
  "moveToCart": {
    "item_id": 3,
    "qty":10,
    "bundle_options": [
      {
        "option_id": "2",
        "option_selections": [2,3]
      }
    ]
  }
}
```

8. Add item into wishlist from cart

8.1. POST /V1/wishlist/move-to-wishlist.

8.2. Configurable and bundle products can be added from wishlist to cart.

8.3. Request payload format will be.

Simple Product:-

```
{
  "moveToWishlist":{
    "item_id": "1"
  }
}
```

Configurable Products:-

```
{
  "moveToWishlist": {
    "item_id": 2,
    "configurable_options": [
      {
        "option_id": "93",
        "option_value": 4
      },
      {
        "option_id": "176",
        "option_value": 31
      }
    ]
  }
}
```

Bundle Products:-

```
{
  "moveToWishlist": {
    "item_id": 3,
    "bundle_options": [
      {
        "option_id": "2",
        "option_selections": [2,3]
      }
    ]
  }
}
```

9. Get Wishlist

- 9.1. This will return wishlist with all items and details
- 9.2. GET /VI/wishlist

Checklist pointers:

1. Developer needs to send the bearer token of the customer in header during API calls as these APIs are accessed for login customers only. For a more detailed document about these APIs you can check swagger (<https://domain/swagger/>).
2. Make sure that you have a wishlist feature enabled at Stores -> Configuration -> Customers -> Wishlist -> General Options. In case it is disabled then APIs won't be accessible.