******Smiffy’s Web Services

|  |  |
| --- | --- |
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|  |  |
|  |  |
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## How to use this document

This is a reference document and as such, it is not meant to be read through from start to finish. To get started, familiarise yourself with the first web service ([GetCataloguePricesAndBreaks](#_Prices_and_breaks)), to show what a web service can do, then integrate the services that you are most interested in. All the ideas in the first web service apply to the rest, so check back there if you need more detail on how something works or how to do something.

At the end are [Programming examples](#_Programming_examples) and an [FAQ](#_FAQ) section, which will help to develop the integration of web services with your own business systems.

## Web service details

Smiffy’s offer two web services: the [products](#_Product_service_methods) service, for detailed product data; and the [order](#_Order_service_methods) service, for submitting, updating and checking on web service orders. You can find each service at the following URLs:

|  |  |
| --- | --- |
| Product service: | <http://webservices.smiffys.com/services/products.asmx> |
| Order service: | <https://webservices.smiffys.com/services/orders.asmx> |

If you are developing a system which integrates our web services, we offer testing environments for both services at the following URLs:

|  |  |
| --- | --- |
| Product testing service: | <http://staging.smiffys.com/services/products.asmx> |
| Order testing service: | <http://staging.smiffys.com/services/orders.asmx> |

## Web services and how they work

### What are web services?

Web services are a set of methods on the Internet that are available to anyone with a Smiffy’s Client ID and API Key. Web service methods allow you to receive data in a variety of different formats and also supply Smiffy’s with data e.g. orders. You can test any of these methods by going to either of the testing URLs ([above](#_Web_service_details)).

### How do web services work?

Smiffy’s web services use a protocol called SOAP (Simple Object Access Protocol), to communicate over a network (usually the Internet). Using the SOAP protocol, computers have a standardised format or pattern for data.

Web services use XML (Extensible Mark-up Language) to organise data between systems. This is a computer language that can be used by all systems; it is a common data exchange language. All the information comes back from a Smiffy’s computer wrapped in name “tags”. These name tags are enclosed in brackets, one at the start of the information and one (with a / before it) to mark the end. This means that it is quite easy to see what information is in the response, both for you and the computer system.

For example, if we had asked for a price for Product Code 12345 then the response might look like

<ProductCode>12345</ProductCode> *product code between the tags*

<Price>2.75</Price> *price between the tags*

It is the use of XML, common for all systems, which makes it easy to build these web services into your systems. Excel can also be used to open the files sent back from Smiffy’s and display the information as a simple spread sheet.

### Why use web services?

Smiffy’s have implemented web services because the data they provide is flexible, which makes them great for customers who want to integrate Smiffy’s into their systems. They are also easy to automate, which makes them especially good for stock systems.

Although web services are great at providing data, they are more complex than spread sheets (for example) and as a result require knowledge of programming to integrate into any system.

The following sections of the document are for your programmer.

## Product service methods

### Prices and breaks – [GetCataloguePricesAndBreaks](http://webservices.smiffys.com/services/products.asmx?op=GetCataloguePricesAndBreaks)

This request returns all the prices and break quantities available in the Smiffy’s catalogue (standard price breaks.)

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| CataloguePrices | The parent element encapsulating all other elements. | <CataloguePrices>…..  </CataloguePrices> |
| Product | The parent element encapsulating each product instance. Multiple instances returned. | <Product>…..  </Product> |
| ProductCode | The product code/ID which the pricing data relates to. | <ProductCode>12345</ProductCode> |
| stdPrice1 | The first standard price. | <stdPrice1>1.4600</stdPrice1> |
| stdPrice2 | The second standard price. | <stdPrice2>1.3300</stdPrice2> |
| stdPrice3 | The third standard price. | <stdPrice3>1.1800</stdPrice3> |
| stdBreak1 | The first break value. | <stdBreak1>1.4600</stdBreak1> |
| stdBreak2 | The second break value. | <stdBreak2>1.4600</stdBreak2> |
| stdBreak3 | The third break value. | <stdBreak3>1.4600</stdBreak3> |
| CurrencyCode | The currency prices are provided in. | <CurrencyCode>GBP</CurrencyCode> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

Example response:

<CataloguePrices>

<Product>

<ProductCode>00380</ProductCode>

<stdPrice1>1.4600</stdPrice1>

<stdPrice2>1.3300</stdPrice2>

<stdPrice3>1.1800</stdPrice3>

<stdBreak1>1.0000</stdBreak1>

<stdBreak2>24.0000</stdBreak2>

<stdBreak3>192.0000</stdBreak3>

<CurrencyCode>GBP</CurrencyCode>

</Product>

</CataloguePrices>

### Category list - [GetCategoryList](http://webservices.smiffys.com/services/products.asmx?op=GetCategoryList)

This request returns all the product categories.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| CategoryList | The parent element encapsulating all other elements. | <CategoryList>…..  </CategoryList> |
| Category | The parent element encapsulating each category instance. Multiple (possible) instances returned. | <Category>…..  </Category> |
| ID | The unique ID for each category. | <ID>123</ID> |
| Name | The name of the category | <Name>Category</Name> |
| Image | **Deprecated**. Images are downloaded from Smiffy’s [MMC](http://mmc.smiffys.com). | <Image>category.jpg</Image> |
| Main | The main group/category this category belongs to. | <Main>Accessories</Main> |
| Sub1 | **Deprecated.** | <Sub1 xml:space="preserve"></Sub1> |
| Sub2 | **Deprecated.** | <Sub2 xml:space="preserve"></Sub2> |
| Sub3 | **Deprecated.** | <Sub3 xml:space="preserve"></Sub3> |
| Sub4 | **Deprecated.** | <Sub4 xml:space="preserve"></Sub4> |
| Sub5 | **Deprecated.** | <Sub5 xml:space="preserve"></Sub5> |
| Use | Indicates whether or not the category is active. | <Use>flase</Use> |
| Level | The category level in the hierarchy. | <Level>1</Level> |
| Code | An alternative character-based unique code for the category. | <Code>AC</Code> |
| Parent | The categories parent ID (<ID></ID>), 0 is no parent. | <Parent>0</Parent> |
| HasChildren | Indicates whether the category has any children. | <HasChildren>true</HasChildren> |
| NoOfItems | The number of child categories (sub-categories). | <NoOfItems>70</NoOfItems> |
| LongDesc | A long name to describe the category. | <LongDesc>Category – of categories</LongDesc> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

Example response:

<CategoryList>

<Category>

<ID>747</ID>

<Name>Accessories</Name>

<Image>Accessories.jpg</Image>

<Main>Accessories</Main>

<Sub1 xml:space="preserve"></Sub1>

<Sub2 xml:space="preserve"></Sub2>

<Sub3 xml:space="preserve"></Sub3>

<Sub4 xml:space="preserve"></Sub4>

<Sub5 xml:space="preserve"></Sub5>

<Use>false</Use>

<Level>1</Level>

<Code>AC</Code>

<Parent>0</Parent>

<HasChildren>true</HasChildren>

<NoOfItems>66</NoOfItems>

<LongDesc>Accessories</LongDesc>

</Category>

</CategoryList>

### Customer price list - [GetCustomerPriceList](http://webservices.smiffys.com/services/products.asmx?op=GetCustomerPriceList)

This request returns the price and break quantities available in the authenticated user’s price list.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| PriceList | The parent element encapsulating all other elements. | <PriceList>…..  </PriceList> |
| Price | The parent element encapsulating each price instance. Multiple (possible) instances returned. | <Price>…..  </Price> |
| Product | The unique product code. | <Product>12345</Product> |
| Price1 | This first price. | <Price1>1.4600</Price1> |
| Break1Qty | The first price break quantity. | <Break1Qty>1.0000</Break1Qty> |
| Price2 | The second price. | <Price2>1.3300</Price2> |
| Break2Qty | The second price break quantity. | <Break2Qty>24.0000</Break2Qty> |
| Price3 | The third price. | <Price3>1.1800</Price3> |
| Break3Qty | The third price break quantity. | <Break3Qty>192.0000</Break3Qty> |
| RRP | The products regular retail price. | <RRP>2.99</RRP> |
| CurrencyCode | The currency prices are provided in. | <CurrencyCode>GBP</CurrencyCode> |
| PackageQty | The number of the product in one package. | <PackageQty>1</PackageQty> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

Example response:

<PriceList>

<Price>

<Product>052A</Product>

<Price1>25.4000</Price1>

<Break1Qty>1.0000</Break1Qty>

<Price2>23.1500</Price2>

<Break2Qty>3.0000</Break2Qty>

<Price3>20.8900</Price3>

<Break3Qty>6.0000</Break3Qty>

<RRP>2.29</RRP>

<CurrencyCode>GBP</CurrencyCode>

<PackageQty>24</PackageQty>

</Price>

</PriceList>

### Full Product List - [GetFullDataSet](http://webservices.smiffys.com/services/products.asmx?op=GetFullDataSet)

This request returns everything there is to know about all Smiffy’s products. It is NOT a request to get some quick data, but is great for performing daily/weekly updates.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| ProductList | The parent element encapsulating all other elements. | <ProductList>…..  </ProductList> |
| Product | The parent element encapsulating each product instance. Multiple (possible) instances returned. | <Product>…..  </Product> |
| ProductCode | The unique product code. | <Product>12345</Product> |
| ProductName | The name of the product. | <ProductName>Droopy Eye Specs</ProductName> |
| BrochureDescription | A longer product description. | <BrochureDescription> A longer product description.</BrochureDescription> |
| WebDescription | A shorter product description. | <WebDescription>Droopy Eye Specs, with Metal Spring</WebDescription> |
| WashingInstructions | The washing instructions for the product. | <WashingInstructions>Not Applicable</WashingInstructions> |
| RRP | The product regular retail price. | <RRP>2.9900</RRP> |
| StockQuantity | The quantity of the product available in stock. | <StockQuantity>200</StockQuantity> |
| VatRate | The VAT rate applied to this product. | <VatRate>20.00</VatRate> |
| Gender | The gender associated with the product. | <Gender>UNISEX</Gender> |
| PackType | The type of packaging the product comes in. | <PackType>on Display Card</PackType> |
| PackQty | The number of product in one pack type. | <PackQty>1</PackQty> |
| Audience | The target audience for the product. | <Audience>ADULT</Audience> |
| FurtherDetails | Any further details. | <FurtherDetails>None</FurtherDetails> |
| Colour | The colour variant of the product. | <Colour>Purple</Colour> |
| ETA | If out of stock, the estimated time of arrival for new stock. | <ETA>2012-01-01T00:00:00+00:00</ETA> |
| BarCode | The barcode for the product. | <BarCode>5020570003800</BarCode> |
| Price1 | The customer specific first price. | <Price1>1.2900</Price1> |
| Price2 | The customer specific second price. | <Price2>1.1700</Price2> |
| Price3 | The customer specific third price. | <Price3>1.0400</Price3> |
| Break1 | The customer specific first break quantity. | <Break1>1.0000</Break1> |
| Break2 | The customer specific second break quantity. | <Break2>24.0000</Break2> |
| Break3 | The customer specific third break quantity. | <Break3>192.0000</Break3> |
| unit\_size | The number of product packs in one orderable unit (non-ef). | <unit\_size>1</unit\_size> |
| warnings | Any safety warnings associated with the product. | <warnings>CE</warnings> |
| carton | The number of units received in one carton. | <carton>192</carton> |
| stdPrice1 | The first standard price. | <stdPrice1>1.4600</stdPrice1> |
| stdPrice2 | The second standard price. | <stdPrice2>1.3300</stdPrice2> |
| stdPrice3 | The third standard price. | <stdPrice3>1.1800</stdPrice3> |
| stdBreak1 | The first price break quantity. | <stdBreak1>1.0000</stdBreak1> |
| stdBreak2 | The second price break quantity. | <stdBreak2>24.0000</stdBreak2> |
| stdBreak3 | The third price break quantity. | <stdBreak3>192.0000</stdBreak3> |
| Photo | **Deprecated.** Images are downloaded from Smiffy’s [MMC](http://mmc.smiffys.com). | <Photo>00380.jpg</Photo> |
| CatalogueCode | The category code the product belongs to. | <CatalogueCode>JN-01</CatalogueCode> |
| CatalogueName | The category name the product belongs to. | <CatalogueName>Jokes &amp; Novelties\_Assorted</CatalogueName> |
| Catalogue | A comma separated list of catalogues this product is found in. | <Catalogue>MAIN CATALOGUE 2012 FEBRUARY, LEISURE CATALOGUE 2012,</Catalogue> |
| acc\_code1 | The products first related product accessory code. | <acc\_code1>2345</acc\_code1> |
| acc\_code2 | The products second related product accessory code. | <acc\_code2>2345</acc\_code2> |
| acc\_code3 | The products third related product accessory code. | <acc\_code3>2345</acc\_code3> |
| acc\_code4 | The products fourth related product accessory code. | <acc\_code4>2345</acc\_code4> |
| acc\_code5 | The products fifth related product accessory code. | <acc\_code5></acc\_code5> |
| alt\_code1 | The products first alternative (similar) product code. | <alt\_code1>2345</alt\_code1> |
| alt\_code2 | The products second alternative (similar) product code. | <alt\_code2>2345</alt\_code2> |
| alt\_code3 | The products third alternative (similar) product code. | <alt\_code3>2345</alt\_code3> |
| alt\_code4 | The products fourth alternative (similar) product code. | <alt\_code4>2345</alt\_code4> |
| alt\_code5 | The products fifth alternative (similar) product code. | <alt\_code5></alt\_code5> |
| new\_code | **Deprecated.** | <new\_code></new\_code> |
| art\_cat | The code for each catalogue this product belongs to. | <art\_cat></art\_cat> |
| Seasonal | Indicates whether the product is seasonal i.e. mainly in stock a certain times of the year. | <Seasonal>no</Seasonal> |
| p\_list2 | **Deprecated.** |  |
| DropDate | The date the product was/will be discontinued. If “1900-01-01T00:00:00+00:00” not dropped. | <DropDate>1900-01-01T00:00:00+00:00</DropDate> |
| Licence\_Territory | If the product is licenced, this field contains a comma separated list of country codes it can be sold in. | <Licence\_Territory>UK, IE</Licence\_Territory> |
| ThemeName | The name of the main theme the product belongs to. | <ThemeName>Funnyside Fancy Dress</ThemeName> |
| Theme2 | The name of the second theme the product belongs to. | <Theme2>Hen Night / Stag Do</Theme2> |
| GroupID | The ID of the first theme group the product belongs to. | <GroupID>3</GroupID> |
| GroupName | The first theme group name the product belongs to. | <GroupName>Adult Fancy Dress Costumes</GroupName> |
| GroupID1 | The ID of the second theme group the product belongs to. | <GroupID1>0</GroupID1> |
| ThemeGroup1 | The second theme group name the product belongs to. | <ThemeGroup1>Uncategorized</ThemeGroup1> |
| GroupID2 | The ID of the third theme group the product belongs to. | <GroupID2>0</GroupID2> |
| ThemeGroup2 | The third theme group name the product belongs to. | <ThemeGroup2>Uncategorized</ThemeGroup2> |
| GroupID3 | The ID of the fourth theme group the product belongs to. | <GroupID3>0</GroupID3> |
| ThemeGroup3 | The fourth theme group name the product belongs to. | <ThemeGroup3>Uncategorized</ThemeGroup3> |
| EFPrice | **Deprecated**, use Price1. | <EFPrice>1.4600</EFPrice> |
| EFQty | The efulfilment quantity. | <EFQty>1</EFQty> |
| Size | The size variant for the product. | <Size>Not Applicable</Size> |
| Ext\_Size | The extended size variant information. | <Ext\_Size>Not Applicable</Ext\_Size> |
| GenericCode | The generic code, this code can be the same for multiple products and links products with multiple sizes or colours. | <GenericCode>2345</GenericCode> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

Example response:

<ProductList>

<Product>

<ProductCode>00380</ProductCode>

<ProductName>Droopy Eye Specs</ProductName>

<BrochureDescription>Droopy Eye Specs, with Metal Spring, on Display Card</BrochureDescription>

<WebDescription>Droopy Eye Specs, with Metal Spring</WebDescription>

<WashingInstructions>Not Applicable</WashingInstructions>

<RRP>2.9900</RRP>

<StockQuantity>200</StockQuantity>

<VatRate>20.00</VatRate>

<Gender>UNISEX</Gender>

<PackType>on Display Card</PackType>

<PackQty>1</PackQty>

<Audience>ADULT</Audience>

<FurtherDetails />

<Colour xml:space="preserve"></Colour>

<ETA>N/A</ETA>

<BarCode>5020570003800</BarCode>

<Price1>1.2900</Price1>

<Price2>1.1700</Price2>

<Price3>1.0400</Price3>

<Break1>1.0000</Break1>

<Break2>24.0000</Break2>

<Break3>192.0000</Break3>

<unit\_size>1</unit\_size>

<warnings>CE</warnings>

<carton>192</carton>

<stdPrice1>1.4600</stdPrice1>

<stdPrice2>1.3300</stdPrice2>

<stdPrice3>1.1800</stdPrice3>

<stdBreak1>1.0000</stdBreak1>

<stdBreak2>24.0000</stdBreak2>

<stdBreak3>192.0000</stdBreak3>

<Photo>00380.jpg</Photo>

<CatalogueCode>JN-01</CatalogueCode>

<CatalogueName>Jokes &amp; Novelties\_Assorted</CatalogueName>

<Catalogue>MAIN CATALOGUE 2012 FEBRUARY, LEISURE CATALOGUE 2012,</Catalogue>

<acc\_code1 xml:space="preserve"></acc\_code1>

<acc\_code2 xml:space="preserve"></acc\_code2>

<acc\_code3 xml:space="preserve"></acc\_code3>

<acc\_code4 xml:space="preserve"></acc\_code4>

<acc\_code5 xml:space="preserve"></acc\_code5>

<alt\_code1>6155</alt\_code1>

<alt\_code2>21135</alt\_code2>

<alt\_code3 xml:space="preserve"></alt\_code3>

<alt\_code4 xml:space="preserve"></alt\_code4>

<alt\_code5 xml:space="preserve"></alt\_code5>

<new\_code xml:space="preserve"></new\_code>

<art\_cat>LEIS2012,MAIN201202,PLAT200901,</art\_cat>

<Seasonal>No</Seasonal>

<p\_list2 xml:space="preserve"></p\_list2>

<DropDate>1900-01-01T00:00:00+00:00</DropDate>

<Licence\_Territory xml:space="preserve"></Licence\_Territory>

<ThemeName>Funnyside Fancy Dress</ThemeName>

<Theme2>Hen Night / Stag Do</Theme2>

<GroupID>3</GroupID>

<GroupName>Adult Fancy Dress Costumes</GroupName>

<GroupID1>0</GroupID1>

<ThemeGroup1>Uncategorized</ThemeGroup1>

<GroupID2>0</GroupID2>

<ThemeGroup2>Uncategorized</ThemeGroup2>

<GroupID3>0</GroupID3>

<ThemeGroup3>Uncategorized</ThemeGroup3>

<EFPrice>1.4600</EFPrice>

<EFQty>1</EFQty>

<Size>Not Applicable</Size>

<Ext\_Size>NOT APPLICABLE</Ext\_Size>

<GenericCode>00380</GenericCode>

</Product>

</ProductList>

### Pack Themes - [GetPackThemes](http://webservices.smiffys.com/services/products.asmx?op=GetPackThemes)

This request returns all pack themes with the corresponding description.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| PackThemes | The parent element encapsulating all other elements. | <PackThemes>…..  </PackThemes> |
| Theme | The parent element encapsulating each theme instance. Multiple instances returned. | <Theme>…..  </Theme> |
| PackTheme | The unique pack theme code. | <PackTheme><1 ANIMAL></PackTheme> |
| Description | The pack theme description. | <Description>Children’s Animal Fancy Dress</Description> |
| Licensed | Indicates whether the theme is licensed. | <Licensed>false</Licensed> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

Example response:

<PackThemes>

<Theme>

<PackTheme><1 ANIMAL></PackTheme>

<Description>Children's Animal Fancy Dress</Description>

<Licensed>false</Licensed>

</Theme>

</PackThemes>

### Price List - [GetPriceList](http://webservices.smiffys.com/services/products.asmx?op=GetPriceList)

This request returns the prices and break quantities for a valid product code supplied in the request.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| productCode | The product code to get prices and breaks for. | 12345 |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| PriceList | The parent element encapsulating all other elements. | <PriceList>…..  </PriceList> |
| Product | The parent element encapsulating each product break instance. Multiple instances returned. | <Product>…..  </Product> |
| Quantity | The minimum quantity to get the price break. | <Quantity>1.0000</Quantity> |
| Price | The unit price for that break. | <Price>20.3400</Price> |
| CurrencyCode | The currency code prices use. | <CurrencyCode>GBP</CurrencyCode> |
| Description | A description of the break. | <Description></Description> |
| RRP | The regular retail price for the product. | <RRP>41.9900</RRP> |
| PackageQuantity | The amount of product in one package. | <PackageQuantity>1</PackageQuantity> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<productCode>12345</productCode>

Example response:

<PriceList>

<Product>

<Quantity>1.0000</Quantity>

<Price>20.3400</Price>

<CurrencyCode>GBP</CurrencyCode>

<Description/>

<RRP>41.9900</RRP>

<PackageQty>1</PackageQty>

</Product>

</PriceList>

### Product Sizes - [GetProductSizes](http://webservices.smiffys.com/services/products.asmx?op=GetProductSizes)

This request returns all available sizes for a product. This request accepts either the product code or generic code.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| productCode | The product code to get sizes for. | 12345 |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| ProductSizes | The parent element encapsulating all other elements. | <ProductSizes>…..  </ProductSizes> |
| Sizes | The parent element encapsulating each size instance. Multiple instances returned. | <Sizes>…..  </Sizes> |
| Code | The product code. | <Code>25779</Code> |
| Size | The product size. | <Size>One Size</Size> |
| LongSize | The longer size description. | <LongSize>One Size</LongSize> |
| StockQty | The quantity of stock in that size. | <StockQty></StockQty> |
| ETA | If out of stock, the next estimated delivery date. | <ETA>N/A</ETA> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<productCode>12345</productCode>

Example response:

<ProductSizes>

<Sizes>

<Code>25779</Code>

<Size>One Size</Size>

<LongSize>ONE SIZE</LongSize>

<StockQty>62</StockQty>

<ETA>N/A</ETA>

</Sizes>

</ProductSizes>

### Product information using product code – [GetProduct\_AllDetails](http://webservices.smiffys.com/services/products.asmx?op=GetProduct_AllDetails)

This request returns all product information about the product code supplied in the request.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| productCode | The product code to get sizes for. | 12345 |

Response elements:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Description | | Example |
| Products | The parent element encapsulating all other elements. | <ProductList>…..  </ProductList> | |
| Product | The parent element encapsulating each product instance. | <Product>…..  </Product> | |
| Code | The unique product code. | <Product>12345</Product> | |
| Name | The name of the product. | <ProductName>Droopy Eye Specs</ProductName> | |
| Description | The product description. | <Description></Description> | |
| BrochureDescription | A longer product description. | <BrochureDescription> A longer product description.</BrochureDescription> | |
| WebDescription | A shorter product description. | <WebDescription>Droopy Eye Specs, with Metal Spring</WebDescription> | |
| PackageQty | The amounts of product in one pack type. | <PackageQty>1</PackageQty> | |
| Deleted | Indicates whether the product has been discontinued. | <Deleted>false</Deleted> | |
| ETA | If out of stock, the estimated time of arrival for new stock. | <ETA>N/A</ETA> | |
| Licensed | Indicates whether the theme is licensed. | <Licensed>false</Licensed> | |
| Colour | The colour variant of the product. | <Colour>blue</Colour> | |
| Carton | The number of units received in one carton. | <Carton>192</Carton> | |
| WashingInstructions | The washing instructions for the product. | <WashingInstructions>Dry clean only</WashingInstructions> | |
| Accessory1 | The products first related product accessory code. | < Accessory1>2345</ Accessory1> | |
| Accessory2 | The products second related product accessory code. | <Accessory2>2345</Accessory2> | |
| Accessory3 | The products third related product accessory code. | <Accessory3>2345</Accessory3> | |
| Accessory4 | The products fourth related product accessory code. | <Accessory4>2345</Accessory4> | |
| Accessory5 | The products fifth related product accessory code. | <Accessory5></Accessory5> | |
| Alternative1 | The products first alternative (similar) product code. | <Alternative1>2345</Alternative1> | |
| Alternative2 | The products second alternative (similar) product code. | <Alternative2>2345</Alternative2> | |
| Alternative3 | The products third alternative (similar) product code. | <Alternative3>2345</Alternative3> | |
| Alternative4 | The products fourth alternative (similar) product code. | <Alternative4>2345</ Alternative4> | |
| Alternative5 | The products fifth alternative (similar) product code. | <Alternative5></ Alternative5> | |
| Safety | Any safety information relating to the product. | <Safety>Adult size fancy dress costume. Not for children. Dyes may not be colourfast. Warning! Keep away from fire.</Safety> | |
| Size | The size variant for the product. | <Size>One Size</Size> | |
| ExtSize | The extended size description. | <ExtSize>ONE SIZE</ExtSize> | |
| Height | The height of the product in cm. | <Height>3.00</Height> | |
| Length | The length of the product in cm. | <Length>49.00</Length> | |
| Width | The width of the product in cm. | <Width>40.00</Width> | |
| Weight | The weight of the product in kg. | <Weight>0.690</Weight> | |
| PackagingType | The type of packaging the product comes in. | <PackagingType>in Display Bag</PackagingType> | |
| IsPlatinum | Indicates whether the product is part of the platinum group. | <IsPlatinum>false</IsPlatinum> | |
| BarCode | The barcode for the product. | <BarCode>5020570003800</BarCode> | |
| Boxed | Indicates whether the product comes in a box. | <Boxed>false</Boxed> | |
| StockQty | The quantity of this product in stock. | <StockQty>62</StockQty> | |
| RRPExVat | The regular retail price excluding VAT. | <RRPExVat>34.9900</RRPExVat> | |
| RRPIncVat | The regular retail price including VAT. | <RRPIncVat>41.9900</RRPIncVat> | |
| Suitability | The target audience for the product. | <Suitability>ADULT</Suitability> | |
| Gender | The target gender for the product. | <Gender>MALE</Gender> | |
| price1 | The customer specific first price. | <price1>20.3400</price1> | |
| price2 | The customer specific second price. | <price2>18.4900</price2> | |
| price3 | The customer specific third price. | <price3>16.2800</price3> | |
| break1 | The customer specific first break quantity. | <break1>1.0000</break1> | |
| break2 | The customer specific second break quantity. | <break2>1.0000</break2> | |
| break3 | The customer specific third break quantity. | <break3>1.0000</break3> | |
| sec\_theme | The products theme. | <sec\_theme><COMEDY></sec\_theme> | |
| isCostume | Indicates whether the product is a costume. | <isCostume>true</isCostume> | |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<productCode>12345</productCode>

Example response:

<Products>

<Product>

<Code>25779</Code>

<Name>Fat Cat Costume</Name>

<Description>FAT CAT COSTUME,Hooped Jumpsuit,Hat,Tie</Description>

<WebDescription>Fat Cat Costume, with Hooped Jumpsuit, Hat and Tie</WebDescription>

<BrochureDescription>Fat Cat Costume, with Hooped Jumpsuit, Hat and Tie, in Display Bag</BrochureDescription>

<PackageQty>1</PackageQty>

<Deleted>false</Deleted>

<ETA>N/A</ETA>

<Licensed>false</Licensed>

<Colour xml:space="preserve"></Colour>

<Carton>18</Carton>

<WashingInstructions>Dry Clean Only</WashingInstructions>

<Accessory1>23109</Accessory1>

<Accessory2>99754</Accessory2>

<Accessory3>25239</Accessory3>

<Accessory4>34761</Accessory4>

<Accessory5>34936</Accessory5>

<Alternative1>25603</Alternative1>

<Alternative2>23687</Alternative2>

<Alternative3 xml:space="preserve"></Alternative3>

<Alternative4 xml:space="preserve"></Alternative4>

<Alternative5 xml:space="preserve"></Alternative5>

<Safety>Adult size fancy dress costume. Not for children. Dyes may not be colourfast. Warning! Keep away from fire. </Safety>

<Size>One Size</Size>

<ExtSize>ONE SIZE</ExtSize>

<Height>3.00</Height>

<Length>49.00</Length>

<Width>40.00</Width>

<Weight>0.690</Weight>

<PackagingType>in Display Bag</PackagingType>

<IsPlatinum>false</IsPlatinum>

<BarCode>5020570257791</BarCode>

<Boxed>false</Boxed>

<StockQty>62</StockQty>

<RRPExVat>34.9900</RRPExVat>

<RRPIncVat>41.99</RRPIncVat>

<Suitability>ADULT</Suitability>

<Gender>MALE</Gender>

<price1>20.3400</price1>

<price2>18.4900</price2>

<price3>16.2800</price3>

<break1>1.0000</break1>

<break2>12.0000</break2>

<break3>36.0000</break3>

<sec\_theme><COMEDY></sec\_theme>

<isCostume>true</isCostume>

</Product>

</Products>

### Product Information using property – [GetProduct\_ByProperty](http://webservices.smiffys.com/services/products.asmx?op=GetProduct_ByProperty)

This request returns one piece of data contained in the [Product information using product code – GetProduct\_AllDetails](#_Product_information_using) method.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| productCode | The product code to get sizes for. | 12345 |
| propertyName | Name of the parameter to get, see parameter list in [previous method](#_Product_information_using). | Name |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| String | The parent element encapsulating all other elements. | <String>…..  </String> |
| \*your request param\* | The parent element encapsulating your requested property. | <name>…..  </name> |
| \*your request param\* | The capitalised property string you supplied. | <Name>Gangster Costume</Name> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<productCode>12345</productCode>

<propertyName>name</propertyName>

Example response:

<String>

<name>

<Name>Gangster Costume</Name>

</name>

</String>

### Product accessories using product – [GetProduct\_CatalogueAccessories](http://webservices.smiffys.com/services/products.asmx?op=GetProduct_CatalogueAccessories)

This request can be used to get all the products Smiffy’s recommends as accessories for the product code supplied in the request.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| productCode | The product code to get accessories for. | 12345 |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| Accessories | The parent element encapsulating all other elements. | <Accessories>…..  </Accessories> |
| Product | The parent element encapsulating each product accessory. Multiple (possible) instances returned. | <Product>…..  </Product> |
| ID | **Deprecated.** | <ID>0</ID> |
| Code | The product code. | <Code>23109</Code> |
| Name | The name of the product. | <Name>Jumbo Cigar</Name> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<productCode>12345</productCode>

Example response:

<Accessories>

<Product>

<ID>0</ID>

<Code>23109</Code>

<Name>Jumbo Cigar</Name>

</Product>

</Accessories>

### Product alternatives using product – [GetProduct\_CatalogueAlternatives](http://webservices.smiffys.com/services/products.asmx?op=GetProduct_CatalogueAlternatives)

This request can be used to get all the products Smiffy’s recommends as alternatives for the product code supplied in the request.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| productCode | The product code to get alternatives for. | 12345 |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| Alternatives | The parent element encapsulating all other elements. | <Alternatives>…..  </Alternatives> |
| Product | The parent element encapsulating each product alternative. Multiple (possible) instances returned. | <Product>…..  </Product> |
| ID | **Deprecated.** | <ID>0</ID> |
| Code | The product code. | <Code>23109</Code> |
| Name | The name of the product. | <Name>Jumbo Cigar</Name> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<productCode>12345</productCode>

Example response:

<Alternatives>

<Product>

<ID>0</ID>

<Code>23109</Code>

<Name>Jumbo Cigar</Name>

</Product>

</Alternatives>

### Product images using product – [GetProduct\_Images](http://webservices.smiffys.com/services/products.asmx?op=GetProduct_Images)

This method is deprecated; please use the Smiffy’s [Multimedia Management Centre](http://mmc.smiffys.com) (MMC) for downloading images.

### Non efulfilment products – [GetProduct\_NonEFProducts](http://webservices.smiffys.com/services/products.asmx?op=GetProduct_NonEFProducts)

This request returns a list of non efulfilment product codes.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| Products | The parent element encapsulating all other elements. | <Products>…..  </Products> |
| ProductCode | The product code for the non EF product. | <ProductCode>31289L</ProductCode> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

Example response:

<Products>

<ProductCode>31289L</ProductCode>

</Products>

### Products using secondary pack theme – [GetProducts\_InSecondaryTheme](http://webservices.smiffys.com/services/products.asmx?op=GetProhttp://webservices.smiffys.com/services/products.asmx?op=GetProducts_InSecondaryThemeducts_InSecondaryTheme)

This request returns all the products which have a secondary (pack) theme that matches the pack theme supplied in the request.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| packTheme | The pack theme you want to get products for. | 1 GIRLS |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| SecondaryPackThemeProducts | The parent element encapsulating all other elements. | <SecondaryPackThemeProducts>…..  </SecondaryPackThemeProducts> |
| Product | The parent element encapsulating each product. Multiple (possible) instances returned. | <Product>…..  </Product> |
| art\_code | The product code. | <art\_code>35652T1</art\_code> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<packTheme>1 GIRLS</packTheme>

Example response:

<SecondaryPackThemeProducts>

<Product>

<art\_code>35652T1</art\_code>

</Product>

</SecondaryPackThemeProducts>

### Products using pack theme – [GetProducts\_InTheme](http://webservices.smiffys.com/services/products.asmx?op=GetProducts_InTheme)

This request returns all the products which have a primary (pack) theme that matches the one supplied in the request.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| packTheme | The pack theme you want to get products for. | 1 GIRLS |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| PackThemeProducts | The parent element encapsulating all other elements. | <PackThemeProducts>…..  </PackThemeProducts> |
| Product | The parent element encapsulating each product. Multiple instances returned. | <Product>…..  </Product> |
| Code | The product code. | <Code>24171</Code> |
| Description | The main product description. | <Description>PIRATE SET,Sword,Hook,Telescope,Patch</Description> |
| Description1 | **Deprecated.** | <Description1>Pirate Fancy Dress</Description1> |
| Name | The name of the product. | <Name>Pirate Set with Telescope</Name> |
| BarCode | The barcode for the product. | <BarCode>5020570241714</BarCode> |
| p\_color | The product colour variant. | <p\_color>red</p\_color> |
| p\_stkg | The quantity of product in stock. | <p\_stkg>200</p\_stkg> |
| p\_eta | If the product is out of stock, the estimated delivery date for new stock. | <p\_eta>N/A</p\_eta> |
| p\_case | The number of units received in one carton. | <p\_case>192</p\_case> |
| acc\_code1 | The products first related product accessory code. | <acc\_code1>2345</acc\_code1> |
| acc\_code2 | The products second related product accessory code. | <acc\_code2>2345</acc\_code2> |
| acc\_code3 | The products third related product accessory code. | <acc\_code3>2345</acc\_code3> |
| acc\_code4 | The products fourth related product accessory code. | <acc\_code4>2345</acc\_code4> |
| acc\_code5 | The products fifth related product accessory code. | <acc\_code5></acc\_code5> |
| alt\_code1 | The products first alternative (similar) product code. | <alt\_code1>2345</alt\_code1> |
| alt\_code2 | The products second alternative (similar) product code. | <alt\_code2>2345</alt\_code2> |
| alt\_code3 | The products third alternative (similar) product code. | <alt\_code3>2345</alt\_code3> |
| alt\_code4 | The products fourth alternative (similar) product code. | <alt\_code4>2345</alt\_code4> |
| acc\_code51 | **Deprecated.** | <acc\_code51></acc\_code51> |
| Gender | The target gender for the product. | <Gender>UNISEX</Gender> |
| p\_pack | The packaging type. | <p\_pack>on Display Card</p\_pack> |
| packqty | The number of product in one pack. | <packqty>1</packqty> |
| Audience | The target audience for the product. | <Audience>ADULT</Audience> |
| p\_war | Any warnings associated with the product. | <p\_war>CE</p\_war> |
| p\_rrpexvat | The regular retail price excluding vat. | <p\_rrpexvat>3.1600</p\_rrpexvat> |
| p\_rrpincvat | The regular retail price including vat. | <p\_rrpincvat>3.7900</p\_rrpincvat> |
| vatrate | The vat applied to the rrp inc vat price. | <vatrate>20.00</vatrate> |
| p\_img | **Deprecated**. Please use Smiffy’s [MMC](http://mmc.smiffys.com/). | <p\_img>24171.jpg</p\_img> |
| p\_img\_linkM | **Deprecated**. Please use Smiffy’s [MMC](http://mmc.smiffys.com/). | <p\_img\_linkM>http://www.smiffys.com/LinkImages/SMALL\_Image/24171</p\_img\_linkM> |
| p\_img\_linkL | **Deprecated.** Please use Smiffy’s [MMC](http://mmc.smiffys.com/). | <p\_img\_linkL>http://www.smiffys.com/LinkImages/LARGE\_Image/24171</p\_img\_linkL> |
| isCostume | Indicates whether the product is a costume. | <isCostume>false</isCostume> |
| p\_weight | The weight of the costume in kg. | <p\_weight>0.170</p\_weight> |
| ef\_price | **Deprecated**, use Price1. | <ef\_price>1.8500</ef\_price> |
| Size | The size variant for this product. | <Size>Not Applicable</Size> |
| ExtSize | The extended size variant details. | <ExtSize>NOT APPLICABLE</ExtSize> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<packTheme>pirate</packTheme>

Example response:

<PackThemeProducts>

<Product>

<Code>24171</Code>

<Description>PIRATE SET,Sword,Hook,Telescope,Patch</Description>

<Description1>Pirate Fancy Dress</Description1>

<Name>Pirate Set with Telescope</Name>

<BarCode>5020570241714</BarCode>

<p\_color xml:space="preserve"></p\_color>

<p\_stkq>200</p\_stkq>

<p\_eta>N/A</p\_eta>

<p\_caseQ>72</p\_caseQ>

<acc\_code1>29537</acc\_code1>

<acc\_code2>22576</acc\_code2>

<acc\_code3 xml:space="preserve"></acc\_code3>

<acc\_code4 xml:space="preserve"></acc\_code4>

<acc\_code5 xml:space="preserve"></acc\_code5>

<alt\_code1>28344</alt\_code1>

<alt\_code2>23050</alt\_code2>

<alt\_code3>21169</alt\_code3>

<alt\_code4 xml:space="preserve"></alt\_code4>

<acc\_code51 xml:space="preserve"></acc\_code51>

<Gender>UNISEX</Gender>

<p\_pack>on Display Card</p\_pack>

<packqty>1</packqty>

<Audience>ADULT</Audience>

<p\_war>CE</p\_war>

<p\_rrpexvat>3.1600</p\_rrpexvat>

<p\_rrpincvat>3.7900</p\_rrpincvat>

<vatrate>20.00</vatrate>

<p\_img>24171.jpg</p\_img>

<p\_img\_linkM>http://www.smiffys.com/LinkImages/SMALL\_Image/24171</p\_img\_linkM>

<p\_img\_linkL>http://www.smiffys.com/LinkImages/LARGE\_Image/24171</p\_img\_linkL>

<isCostume>false</isCostume>

<p\_weight>0.170</p\_weight>

<ef\_price>1.8500</ef\_price>

<Size>Not Applicable</Size>

<ExtSize>NOT APPLICABLE</ExtSize>

</Product>

</PackThemeProducts>

### Product using category – [GetProducts\_In\_Category](http://webservices.smiffys.com/services/products.asmx/GetProducts_In_Category)

This request returns product data for products that are in the category supplied in the request. A partial category code may be supplied when exactMatch is supplied as false.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| category | The full or partial category code to get products for. | JN |
| exactMatch | True/False, indicating whether to provide a partial match. | true |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| ProductsInCategory | The parent element encapsulating all other elements. | <ProductsInCategory>…..  </ProductsInCategory> |
| Product | The parent element encapsulating each product. Multiple instances returned. | <Product>…..  </Product> |
| Code | The product code. | <Code>00380</Code> |
| Name | The name of the product. | <Name>Droopy Eye Specs</Name> |
| CatalogueCode | The full category code the product belongs to. | <CatalogueCode>JN-01</CatalogueCode> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<category>JN</category>

<exactMatch>false<exactMatch>

Example response:

<ProductsInCategory>

<Product>

<Code>00380</Code>

<Name>Droopy Eye Specs</Name>

<CatalogueCode>JN-01</CatalogueCode>

</Product>

</ProductsInCategory>

### Secondary pack themes – [GetSecondaryTheme](http://webservices.smiffys.com/services/products.asmx?op=GetSecondaryTheme)

This request returns all the secondary (pack) theme details.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| Secondary\_PackThemes | The parent element encapsulating all other elements. | <Secondary\_PackThemes>…..  </Secondary\_PackThemes> |
| Theme | The parent element encapsulating each theme. Multiple instances returned. | <Theme>…..  </Theme> |
| code | The theme code. | <code>00380</code> |
| theme\_desc | The name of the theme. | <theme\_desc>Droopy Eye Specs</theme\_desc> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

Example response:

<Secondary\_PackThemes>

<Theme>

<code><1 BOYS></code>

<theme\_desc>Boys Fancy Dress</theme\_desc>

</Theme>

</Secondary\_PackThemes>

### Stock quantities and product data – [GetStockQuantities\_AsStockData](http://webservices.smiffys.com/services/products.asmx?op=GetStockQuantities_AsStockData)

This request returns stock and product data for every product.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| StockData | The parent element encapsulating each product. Multiple instances returned. | <Products>…..  </Products> |
| ProductCode | The product code. | <ProductCode>…..  </ProductCode> |
| Size | The product size variant. | <Size>Chest 38"-40", Leg Inseam 32.75" </Size> |
| ExtSize | The extended size details. | <ExtSize>Chest 38"-40" / Waist 32"-34" / Leg Inseam 32.75"</ExtSize> |
| BrochureDescription | The large product description. | <BrochureDescription>Roman Senator Costume, Robe, Belt and Headpiece, in Display Bag</BrochureDescription> |
| WebDescription | The small product description. | <WebDescription>Roman Senator Costume, Robe, Belt and Headpiece</WebDescription> |
| WashingInstructions | Instructions for cleaning the product. | <WashingInstructions>Dry Clean Only</WashingInstructions> |
| CostumeGender | The target gender for the product. | <CostumeGender>MALE</CostumeGender> |
| Warnings | Product safety warning codes. | <Warnings>AS</Warnings> |
| CostumeAudience | The target audience for the product. | <CustumeAudience>ADULT</CustumeAudience> |
| AccessoryCode1 | The products first related product accessory code. | <acc\_code1>2345</acc\_code1> |
| AccessoryCode2 | The products second related product accessory code. | <acc\_code2>2345</acc\_code2> |
| AccessoryCode3 | The products third related product accessory code. | <acc\_code3>2345</acc\_code3> |
| AccessoryCode4 | The products fourth related product accessory code. | <acc\_code4>2345</acc\_code4> |
| AccessoryCode5 | The products fifth related product accessory code. | <acc\_code5></acc\_code5> |
| AlternativeCode1 | The products first alternative (similar) product code. | <alt\_code1>2345</alt\_code1> |
| AlternativeCode2 | The products second alternative (similar) product code. | <alt\_code2>2345</alt\_code2> |
| AlternativeCode3 | The products third alternative (similar) product code. | <alt\_code3>2345</alt\_code3> |
| AlternativeCode4 | The products fourth alternative (similar) product code. | <alt\_code4>2345</alt\_code4> |
| AlternativeCode5 | The products fifth alternative (similar) product code. | <alt\_code5></alt\_code5> |
| Quantity | The quantity of the product in stock. | <Quantity>0</Quantity> |
| DueDate | If the product is out of stock, the expected delivery date for new stock (yyyy-mm-dd). | <DueDate>2012-06-11</DueDate> |
| RRPExVat | The regular retail price excluding VAT. | <RRPExVat>24.1600</RRPExVat> |
| RRPIncVat | The regular retail price including VAT. | <RRPIncVat>28.9900</RRPIncVat> |
| Width | The width of the product in cm. | <Width>30.00</Width> |
| Height | The height of the product in cm. | <Height>0.25</Height> |
| Length | The length of the product in cm. | <Length>49.00</Length> |
| BarCode | The product barcode. | <BarCode>5020570306444</BarCode> |
| CaseQty | The quantity of product in one case. | <CaseQty>36</CaseQty> |
| New\_Cat\_Code | The new catalogue code. | <New\_Cat\_Code>CATJAN10</New\_Cat\_Code> |
| ThemeName | The name of the theme this product belongs to. | <ThemeName>Legends &amp; Myths Fancy Dress</ThemeName> |
| ThemeGroupName | The name of the theme group this product belongs to. | <ThemeGroupName>Historical Fancydress</ThemeGroupName> |
| ThemeGroupID | The theme group ID this product belongs to. | <ThemeGroupID>36</ThemeGroupID> |
| IsEFProduct | Indicates whether this product is for efulfilment. | <IsEFProduct>true</IsEFProduct> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

Example response:

<StockData>

<ProductCode>30644M</ProductCode>

<ProductName>Roman Senator Costume</ProductName>

<Size>Chest 38"-40", Leg Inseam 32.75"</Size>

<ExtSize>Chest 38"-40" / Waist 32"-34" / Leg Inseam 32.75"</ExtSize>

<BrochureDescription>Roman Senator Costume, Robe, Belt and Headpiece, in Display Bag</BrochureDescription>

<WebDescription>Roman Senator Costume, Robe, Belt and Headpiece</WebDescription>

<WashingInstructions>Dry Clean Only</WashingInstructions>

<CostumeGender>MALE</CostumeGender>

<Warnings>AS</Warnings>

<CostumeAudience>ADULT</CostumeAudience>

<AccessoryCode1>28438</AccessoryCode1>

<AccessoryCode2 xml:space="preserve"></AccessoryCode2>

<AccessoryCode3 xml:space="preserve"></AccessoryCode3>

<AccessoryCode4 xml:space="preserve"></AccessoryCode4>

<AccessoryCode5 xml:space="preserve"></AccessoryCode5>

<AlternativeCode1>20375</AlternativeCode1>

<AlternativeCode2>20374</AlternativeCode2>

<AlternativeCode3 xml:space="preserve"></AlternativeCode3>

<AlternativeCode4 xml:space="preserve"></AlternativeCode4>

<AlternativeCode5 xml:space="preserve"></AlternativeCode5>

<Quantity>0</Quantity>

<DueDate>2012-06-11</DueDate>

<RRPExVat>24.1600</RRPExVat>

<RRPIncVat>28.9900</RRPIncVat>

<Width>30.00</Width>

<Height>0.25</Height>

<Length>49.00</Length>

<BarCode>5020570306444</BarCode>

<CaseQty>36</CaseQty>

<New\_Cat\_Code>CATJAN10</New\_Cat\_Code>

<ThemeName>Legends &amp; Myths Fancy Dress</ThemeName>

<ThemeGroupName>Historical Fancydress</ThemeGroupName>

<ThemeGroupID>36</ThemeGroupID>

<IsEFProduct>true</IsEFProduct>

</StockData>

### Stock quantities and product data in batches – [GetStockQuantities\_InBatchesOf500\_XML](http://webservices.smiffys.com/services/products.asmx?op=GetStockQuantities_InBatchesOf500_XML)

This request returns products and stock data, in batches of 500. It also allows the results to be filtered by a full or partial product code and/or a full or partial description.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| batchNumber | The batch of 500 products to return. | 1 |
| filterCode | The full or partial product code to filter results. (optional) | 123 |
| filterDescription | The full or partial product description to filter results. (optional) | Hawaii |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| StockValues | The parent element encapsulating all other elements. | <StockValues>…..  </StockValues> |
| Product | The parent element encapsulating each product. Multiple instances returned. | <Product>…..  </Product> |
| Row | The product number returned. | <Row>1</Row> |
| Product\_Code | The product code. | <Product\_Code>20236M</Product\_Code> |
| Product\_Name | The product name. | <Product\_Name>Hawaii Shirt</Product\_Name> |
| Available\_Stock | The amount of stock available. | <Available\_Stock>0</Available\_Stock> |
| Due\_Date | If there is no stock, the date a delivery of new stock is expected. (yyyy-mm-dd) | <Due\_Date>2012-10-05</Due\_Date> |
| RRPExVat | The regular retail price excluding VAT. | <RRPExVat>13.3300</RRPExVat> |
| RRPIncVAT | The regular retail price including VAT. | <RRPIncVAT>15.9900</RRPIncVAT> |
| EFPrice | **Deprecated**, use Price1. | <EFPrice>7.4800</EFPrice> |
| Length | The length of the product in cm. | <Length>49.00</Length> |
| Width | The width of the product in cm. | <Width>30.00</Width> |
| Height | The height of the product in cm | <Height>0.25</Height> |
| Case\_Quantity | The quantity of product in one case. | <Case\_Quantity>36</Case\_Quantity> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<batchNumber>1</batchNumber>

<filterCode>2</filterCode>

<filterDescription> hawaii</filterDescription>

Example response:

<StockValues>

<Product>

<Row>1</Row>

<Product\_Code>20236M</Product\_Code>

<Product\_Name>Hawaiian Shirt</Product\_Name>

<Available\_Stock>0</Available\_Stock>

<Due\_Date>2012-10-05</Due\_Date>

<RRPExVat>13.3300</RRPExVat>

<RRPIncVAT>15.9900</RRPIncVAT>

<EFPrice>7.4800</EFPrice>

<Length>49.00</Length>

<Width>30.00</Width>

<Height>0.25</Height>

<Case\_Quantity>36</Case\_Quantity>

</Product>

</StockValues>

### Stock quantities and product data (light) – [GetStockQuantities\_LightVersion\_XML](http://webservices.smiffys.com/services/products.asmx?op=GetStockQuantities_LightVersion_XML)

This request returns stock and some product data; it is designed to be light weight for quick stock checks. This request also facilitates optional filtering by a full or partial product code and/or description.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| filterCode | The full or partial product code to filter results. (optional) | 123 |
| filterDescription | The full or partial product description to filter results. (optional) | Hawaii |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| StockValues | The parent element encapsulating all other elements. | <StockValues>…..  </StockValues> |
| Product | The parent element encapsulating each product. Multiple instances returned. | <Product>…..  </Product> |
| Product\_Code | The product code. | <Product\_Code>1</Product\_Code> |
| Available\_Stock | The amount of stock available now. | <Available\_Stock>0</Available\_Stock> |
| Due\_Date | If there is no stock, the date a delivery of new stock is expected. (yyyy-mm-dd) | <Due\_Date>2012-10-05</Due\_Date> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<filterCode>2</filterCode>

<filterDescription> hawaii</filterDescription>

Example response:

<StockValues>

<Product>

<Product\_Code>20236M</Product\_Code>

<Available\_Stock>0</Available\_Stock>

<Due\_Date>2012-10-05</Due\_Date>

</Product>

</StockValues>

### Theme groups - [GetThemeGroups](http://webservices.smiffys.com/services/products.asmx?op=GetThemeGroups)

This request returns all the primary theme groups.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| ThemeGroups | The parent element encapsulating all other elements. | <ThemeGroups>…..  </ThemeGroups> |
| ThemeGroup | The parent element encapsulating each theme group. Multiple instances returned. | <ThemeGoup>…..  </ThemeGroup> |
| id | The ID of the theme group. | <id>1</id> |
| name | The name of the theme group. | <name>Funtime</name> |
| image | **Deprecated**. Please use Smiffy’s [MMC](http://mmc.smiffys.com). | <image></image> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

Example response:

<ThemeGroups>

<ThemeGroup>

<id>1</id>

<name>Funtime</name>

<image/>

</ThemeGroup>

</ThemeGroups>

### Themes and products - [GetThemesAndProducts](http://webservices.smiffys.com/services/products.asmx?op=GetThemesAndProducts)

This request returns every product and theme, with the aim of linking products to themes.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| Themes | The parent element encapsulating all other elements. | <Themes>…..  </Themes> |
| Products | The parent element encapsulating each product. Multiple instances returned. | <Products>…..  </Products> |
| PackCode | The pack code associated with the theme. | <PackCode><SHEERD></PackCode> |
| ThemeName | The name of the theme. | <ThemeName>Sheer Desires Hosiery</ThemeName> |
| productCode | The product code. | <productCode>30761</productCode> |
| Product\_Name | The product name. | <Product\_Name>Tutu Underskirt</Product\_Name> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

Example response:

<Themes>

<Products>

<PackCode><SANTA></PackCode>

<ThemeName>Christmas Fancy Dress</ThemeName>

<productCode>30741L</productCode>

<Product\_Name>Elf Costume, Green and Red</Product\_Name>

</Products>

</Themes>

### Themes and theme groups – [GetThemes\_In\_Group](http://webservices.smiffys.com/services/products.asmx?op=GetThemes_In_Group)

This request returns all the themes that belong to a particular theme group specified in the request.

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| themeGroupID | The ID of the theme group. | 13 |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| Themes | The parent element encapsulating all other elements. | <Themes>…..  </Themes> |
| Theme | The parent element encapsulating each theme. Multiple instances returned. | <Theme>…..  </Theme> |
| id | The theme ID. | <id>55</id> |
| packCode | The pack code associated with each theme. | <packCode><BIJOU></packCode> |
| name | The name of the theme. | <name>Bijou Boutique Fancy Dress</name> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<themeGroupID>13</themeGroupID>

Example response:

<Themes>

<Theme>

<id>55</id>

<packCode><BIJOU></packCode>

<name>Bijou Boutique Fancy Dress</name>

</Theme>

</Themes>

## Order service methods

### Order status using order number - [GetStatus](http://webservices.smiffys.com/services/orders.asmx?op=GetStatus)

This request returns status details for one historical order specified in the request. The request order number may be your order number or our (Smiffy’s) order number.

Please note:

* This service is not available on the testing (staging) environment, you can test your status service on the live environment using a test account we have setup. The test account has access only to the order numbers below:

ClientID: StatusTest

API Key: e0731da77f909d237811747f6af0f50d

Test details:

|  |  |
| --- | --- |
| **Order Status** | **Order Number** (orderNumber) |
| OrderShipped (Royal Mail) | TEST-OS-01 |
| OrderShipped (TNT) | TEST-OS-02 |
| OrderShipped (UPS) | TEST-OS-03 |
| OrderShipped (Interlink DPD) | TEST-OS-04 |
| AwaitingStock | TEST-AS-01 |
| ForwardOrder | TEST-FO-01 |
| OrderPickingProcess | TEST-OPP-01 |
| OrderReceived | TEST-OR-01 |
| OrderHold | TEST-OH-01 |

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| orderNumber | Your order number or our order number. | MyOrder-1234/12 |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| OrderStatus | The parent element encapsulating all other elements. | <OrderStatus>…..  </OrderStatus> |
| Consignments | The parent element encapsulating sets of consignment data. This data does not become available until the “CurrentStatus” element is “OrderShipped”. | <Consignments>…..  </Consignments> |
| Consignment | The parent elements encapsulating consignment data. Multiple (possible) instances returned. | <Consignment>…..  </Consignment> |
| CourierType | The name of the courier. | <CourierType>DPD</CourierType> |
| Number | The tracking number, if the delivery method facilitates tracking. | <Number>1234567890</Number> |
| DeliveryCode | **Deprecated**. The delivery code (method). | <DeliveryCode></DeliveryCode> |
| YourOrderNumber | The customer’s order number. | <YourOrderNumber>MyOrder-1234/12</YourOrderNumber> |
| OurOrderNumber | Smiffy’s order number. | <OurOrderNumber>1234567890</OurOrderNumber> |
| OrderDate | The date and time the order was submitted. (dd/mm/yyyy hh:mm:ss) | <OrderDate></OrderDate> |
| CurrentStatus | The processing state of the order. | <CurrentState>OrderShipped</CurrentState> |
| ReturnCode | The code returned when the order was submitted. | <ReturnCode>Successful</ReturnCode> |
| ShippingDate | The date and time the order was shipped, blank if not shipped yet. (dd/mm/yyyy hh:mm:ss) | <ShippingDate>21/06/2012 00:00:00</ShippingDate> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<orderNumber>MyOrder-1234/12</orderNumber>

Example response:

<OrderStatus xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"xmlns="http://webservices.smiffys.com/orders/">

<Consignments>

<Consignment>

<CourierType>DPD</CourierType>

<Number>1234567890</Number>

<DeliveryCode/>

</Consignment>

</Consignments>

<YourOrderNumber>MyOrder-1234/12</YourOrderNumber>

<OurOrderNumber>1234567890</OurOrderNumber>

<OrderDate>21/06/2012 00:00:00</OrderDate>

<CurrentStatus>OrderShipped</CurrentStatus>

<ReturnCode>Successful</ReturnCode>

<ShippingDate>21/06/2012 00:00:00</ShippingDate>

</OrderStatus>

### Order statuses using date - [GetStatusByDate](http://webservices.smiffys.com/services/orders.asmx?op=GetStatusByDate)

This request returns order status data for an authenticated users order, on and between two dates.

Please note:

* This service is not available on the testing (staging) environment, you can test your status service on the live environment using a test account we have setup. The test account has access only to the order numbers below:

ClientID: StatusTest

API Key: e0731da77f909d237811747f6af0f50d

Test details:

|  |  |
| --- | --- |
| **Order Status** | **Order Number** |
| OrderShipped (Royal Mail) | TEST-OS-01 |
| OrderShipped (TNT) | TEST-OS-02 |
| OrderShipped (UPS) | TEST-OS-03 |
| OrderShipped (Interlink DPD) | TEST-OS-04 |
| AwaitingStock | TEST-AS-01 |
| ForwardOrder | TEST-FO-01 |
| OrderPickingProcess | TEST-OPP-01 |
| OrderReceived | TEST-OR-01 |
| OrderHold | TEST-OH-01 |

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| startDate | The date furthest into the past. (yyyy-mm-dd) | 2010-01-01 |
| endDate | The most recent date. (yyyy-mm-dd) | 2010-12-31 |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| Orders | The parent element encapsulating all other elements. | <Orders>…..  </Orders> |
| OrderStatus | The parent element encapsulating all order data. Multiple instances returned. | <OrderStatus>…..  </OrderStatus> |
| Consignments | The parent element encapsulating sets of consignment data. This data does not become available until the “CurrentStatus” element is “OrderShipped”. | <Consignments>…..  </Consignments> |
| Consignment | The parent elements encapsulating consignment data. Multiple (possible) instances returned. | <Consignment>…..  </Consignment> |
| CourierType | The name of the courier. | <CourierType>DPD</CourierType> |
| Number | The tracking number, if the delivery method facilitates tracking. | <Number>1234567890</Number> |
| DeliveryCode | **Deprecated**. The delivery code (method). | <DeliveryCode></DeliveryCode> |
| YourOrderNumber | The customer’s order number. | <YourOrderNumber>MyOrder-1234/12</YourOrderNumber> |
| OurOrderNumber | Smiffy’s order number. | <OurOrderNumber>1234567890</OurOrderNumber> |
| OrderDate | The date and time the order was submitted. (dd/mm/yyyy hh:mm:ss) | <OrderDate></OrderDate> |
| CurrentStatus | The processing state of the order. | <CurrentState>OrderShipped</CurrentState> |
| ReturnCode | The code returned when the order was submitted. | <ReturnCode>Successful</ReturnCode> |
| ShippingDate | The date and time the order was shipped, blank if not shipped yet. (dd/mm/yyyy hh:mm:ss) | <ShippingDate>21/06/2012 00:00:00</ShippingDate> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<orderNumber>MyOrder-1234/12</orderNumber>

Example response:

<Orders xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"xmlns=<http://webservices.smiffys.com/orders/>>

<OrderStatus>

<Consignments>

<Consignment>

<CourierType>DPD</CourierType>

<Number>1234567890</Number>

<DeliveryCode/>

</Consignment>

</Consignments>

<YourOrderNumber>MyOrder-1234/12</YourOrderNumber>

<OurOrderNumber>1234567890</OurOrderNumber>

<OrderDate>21/06/2012 00:00:00</OrderDate>

<CurrentStatus>OrderShipped</CurrentStatus>

<ReturnCode>Successful</ReturnCode>

<ShippingDate>21/06/2012 00:00:00</ShippingDate>

</OrderStatus>

</Orders>

### Order statuses using order numbers - [GetStatusByNumbers](http://webservices.smiffys.com/services/orders.asmx?op=GetStatusByNumbers)

This request returns order status data for those order numbers that are specified in the request.

Please note:

* This service is not available on the testing (staging) environment, you can test your status service on the live environment using a test account we have setup. The test account has access only to the order numbers below:

ClientID: StatusTest

API Key: e0731da77f909d237811747f6af0f50d

Test details:

|  |  |
| --- | --- |
| **Order Status** | **Order Number** (orderNumber) |
| OrderShipped (Royal Mail) | TEST-OS-01 |
| OrderShipped (TNT) | TEST-OS-02 |
| OrderShipped (UPS) | TEST-OS-03 |
| OrderShipped (Interlink DPD) | TEST-OS-04 |
| AwaitingStock | TEST-AS-01 |
| ForwardOrder | TEST-FO-01 |
| OrderPickingProcess | TEST-OPP-01 |
| OrderReceived | TEST-OR-01 |
| OrderHold | TEST-OH-01 |

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| orderNumbers | Orders numbers (customer order numbers and/or Smiffy’s order numbers) you want to get the status of, in XML format. | <OrderStatusRequest>…..  </OrderStatusRequest > |
| OrderStatusRequest | The parent element for each order number parameter. | <OrderStatusRequest>…..  </OrderStatusRequest> |
| OrderNumber | The order number can be Smiffy’s or the customers. | <OrderNumber>2012/06/22-1-shopName </OrderNumber> |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| Orders | The parent element encapsulating all other elements. | <Orders>…..  </Orders> |
| OrderStatus | The parent element encapsulating all order data. Multiple instances returned. | <OrderStatus>…..  </OrderStatus> |
| Consignments | The parent element encapsulating sets of consignment data. This data does not become available until the “CurrentStatus” element is “OrderShipped”. | <Consignments>…..  </Consignments> |
| Consignment | The parent elements encapsulating consignment data. Multiple (possible) instances returned. | <Consignment>…..  </Consignment> |
| CourierType | The name of the courier. | <CourierType>DPD</CourierType> |
| Number | The tracking number, if the delivery method facilitates tracking. | <Number>1234567890</Number> |
| DeliveryCode | **Deprecated**. The delivery code (method). | <DeliveryCode></DeliveryCode> |
| YourOrderNumber | The customer’s order number. | <YourOrderNumber>MyOrder-1234/12</YourOrderNumber> |
| OurOrderNumber | Smiffy’s order number. | <OurOrderNumber>1234567890</OurOrderNumber> |
| OrderDate | The date and time the order was submitted. (dd/mm/yyyy hh:mm:ss) | <OrderDate></OrderDate> |
| CurrentStatus | The processing state of the order. | <CurrentState>OrderShipped</CurrentState> |
| ReturnCode | The code returned when the order was submitted. | <ReturnCode>Successful</ReturnCode> |
| ShippingDate | The date and time the order was shipped, blank if not shipped yet. (dd/mm/yyyy hh:mm:ss) | <ShippingDate>21/06/2012 00:00:00</ShippingDate> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<orderNumbers>

<OrderStatusRequest>

<OrderNumber>MyOrder-1234/12</OrderNumber>

<OrderNumber>MyOrder-5678/12</OrderNumber>

</OrderStatusRequest>

</orderNumbers>

Example response:

<Orders xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"xmlns=<http://webservices.smiffys.com/orders/>>

<OrderStatus>

<Consignments>

<Consignment>

<CourierType>DPD</CourierType>

<Number>1234567890</Number>

<DeliveryCode/>

</Consignment>

</Consignments>

<YourOrderNumber>MyOrder-1234/12</YourOrderNumber>

<OurOrderNumber>1234567890</OurOrderNumber>

<OrderDate>21/06/2012 00:00:00</OrderDate>

<CurrentStatus>OrderShipped</CurrentStatus>

<ReturnCode>Successful</ReturnCode>

<ShippingDate>21/06/2012 00:00:00</ShippingDate>

</OrderStatus>

</Orders>

### Place an order - [SubmitOrder](http://webservices.smiffys.com/services/orders.asmx?op=SubmitOrder)

This request is used to place an order, it responds with the result of your request and any error messages.

Please note:

* By default all datafeeds accounts are blocked for live order access, although customers can submit any number of test orders to the testing environment.
* To request access to the live order service please contact Smiffy’s at [datafeeds@smiffys.com](mailto:datafeeds@smiffys.com).

Request parameters:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| apiKey | The API Key sent to you by your CSA. | aa36302a322a82a9a43a5a149439a59a |
| clientID | The client ID sent to you by your CSA. | EF\_YOURCUSTOMERID |
| orderXml | The element to place your order XML in. | <orderXml>…..  </orderXml> |
| Order | The parent element containing all order elements. | <Order>…..  </Order> |
| YourOrderNumber | Any order string of your choice, it’s a good idea for this to be a unique character string for your system. | 2012/06/22-1-shopName |
| Recipient | The parent element containing details for where and who to ship the order. | <Recipient>…..  </Recipient> |
| Email | The email address of the recipient. | test@example.com |
| Telephone | The telephone number of the recipient. (optional) | 01427123456 |
| Recipient | The first and last name of the recipient. | Joe Bloggs |
| AddressLine | A line of the recipient’s address this is not the: town, city, post code, county or country. Include as many of these elements as required. | 10 test street |
| City | The town or city to deliver to. | Lincoln |
| PostCode | The post code to deliver to. | LN29HF |
| County | The county to deliver to. | Lincolnshire |
| CountryCode | The two letter ISO country code to deliver to. | GB |
| DeliveryCode | The delivery method to use. | ZZRML\_NDSD |
| Lines | The parent element containing all product lines on the order. | <Lines>…..  </Lines> |
| Line | The parent element containing product details. Use as many of these elements as required. | <Line>…..  </Line> |
| ProductCode | The product code to be added to the order. | 33321M |
| ProductQuantity | The quantity of the product to order. | 2 |

Response elements:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Example |
| OrderResultBase | The parent element encapsulating all other elements. | <OrderResultBase>…..  </OrderResultBase> |
| ReturnValue | A longer description of the return code. | <ReturnValue>APIKeyEmpty</ReturnValue> |
| ReturnCode | The value that indicates the overall success of the order submission. See [WSDL](http://webservices.smiffys.com/services/orders.asmx?wsdl) for full list of possible values. | <ReturnCode>Failed</ReturnCode> |
| YourOrderNumber | The order number specified in the request. | <YourOrderNumber>2012/06/22-1-shopName</YourOrderNumber> |
| Lines | The parent element containing all the product lines on the order. | <Lines>…..  </Lines> |
| Line | The parent element for each product line on the order. Multiple (possible) instances returned. | <Line>…..  </Line> |
| ProductCode | A product code on the order. | <ProductCode>33321M</ProductCode> |
| ProductQuantity | The quantity of a product on the order. | <ProductQuantity>2</ProductQuantity> |
| Status | The status of the product on the order. | <Status>RejectedNotEnoughStock</Status> |
| DeliveryCode | The delivery method requested. | <DeliveryCode>ZZRML\_NDSD</DeliveryCode> |

Example request:

<apiKey>aa36302a322a82a9a43a5a149439a59a</apiKey>

<clientID>EF\_YOURCUSTOMERID</clientID>

<orderXml>

<Order>

<YourOrderNumber>2012/06/22-1-shopName</YourOrderNumber>

<Recipient>

<Email>test@example.com</Email>

<Telephone>01427123456</Telephone>

<Recipient>Joe Bloggs</Recipient>

<AddressLine>House Name</AddressLine>

<AddressLine>Random Street</AddressLine>

<City>Test Town</City>

<PostCode>TE1 1ST</PostCode>

<County>TEST</County>

<CountryCode>GB</CountryCode>

</Recipient>

<DeliveryCode>ZZRML\_1SGN</DeliveryCode>

<Lines>

<Line>

<ProductCode>33321M</ProductCode>

<ProductQuantity>1</ProductQuantity>

</Line>

<Line>

<ProductCode>36299M</ProductCode>

<ProductQuantity>3</ProductQuantity>

</Line>

</Lines>

</Order>

</orderXml>

Example response:

<OrderResultBase xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"xmlns="http://webservices.smiffys.com/orders/">

<ReturnValue>Successful</ReturnValue>

<ReturnCode>Successful</ReturnCode>

<YourOrderNumber>PO3001321</YourOrderNumber>

<Lines>

<Line>

<ProductCode>33321M</ProductCode>

<ProductQuantity>1</ProductQuantity>

<Status>Confirmed</Status>

</Line>

<Line>

<ProductCode>36299M</ProductCode>

<ProductQuantity>3</ProductQuantity>

<Status>Confirmed</Status>

</Line>

</Lines>

<DeliveryCode>ZZRML\_1SGN</DeliveryCode>

</OrderResultBase>

### Update an order - [UpdateOrder](http://webservices.smiffys.com/services/orders.asmx?op=UpdateOrder)

This request facilitates the updating of previously submitted orders.

Please note:

* This method is currently in development, please do not use it.

## Programming examples

### PHP

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<?php

$wdsl = 'http://webservices.smiffys.com/services/products.asmx?WSDL';

$soapClient = new SoapClient("$wdsl");

$apiKey = '';

$clientID = '';

$productCode = '33131M';

$productParameters = array('apiKey'=>$apiKey, 'clientID'=>$clientID, 'productCode'=>$productCode);

set\_time\_limit(120); // IMPORTANT – This Needs To Be Set If You Are Calling The GetFullDataSet Method.

$GetProduct\_AllDetails = GetXml($soapClient, 'GetProduct\_AllDetails', $productParameters, 'Product');

$ResultSet = array('name'=>'GetProduct\_AllDetails', 'ResultSet'=>$GetProduct\_AllDetails);

function GetXml($soapClient, $method, $parameters, $resultSetTag)

{

try

{

$methodResultName = $method."Result";

$result = $soapClient->$method($parameters);

$simpleresult = $result->$methodResultName;

return getElementsFromResult($resultSetTag, $simpleresult);

}

catch (SoapFault $exception)

{

echo $exception;

return $exception;

}

}

function getElementsFromResult($elementName, $simpleresult)

{

$dom = new DOMDocument;

$dom->preserveWhiteSpace = FALSE;

if($simpleresult == null)

{

echo 'null';

return 'Simpleresult was equal to Null.';

}

else

{

$dom->loadXML($simpleresult->any);

return $dom->getElementsByTagName($elementName);

}

}

function printRows($xmlNodeList)

{

$firstNodeList = $xmlNodeList['ResultSet']->item(0)->childNodes;

foreach($firstNodeList as $name)

{

echo "<tr>

<td id=\"Attribute\">

$name->nodeName</td>

<td id=\"Value\">

$name->nodeValue</td>

</tr>";

}

}

?>

<html>

<head>

<title>Datafeeds PHP Example</title>

<style type='text/css'>

body

{

font-family: helvetica;

font-size: 14px;

}

h4, table

{

margin-left: 20px;

}

table

{

margin-top: -10px;

}

#Attribute, #Value

{

border: 0px solid black;

padding-right: 10px;

}

#Attribute

{

background-color: #E5E5E5;

}

#Value

{

background-color: #F5F5F5;

}

</style>

</head>

<body>

<h3>Smiffy's Datafeed PHP Example</h3>

<h4>GetProduct\_AllDetails</h4>

<table>

<?php printRows($ResultSet) ?>

</table>

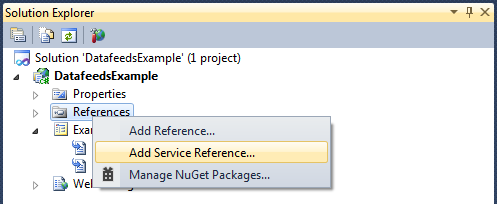
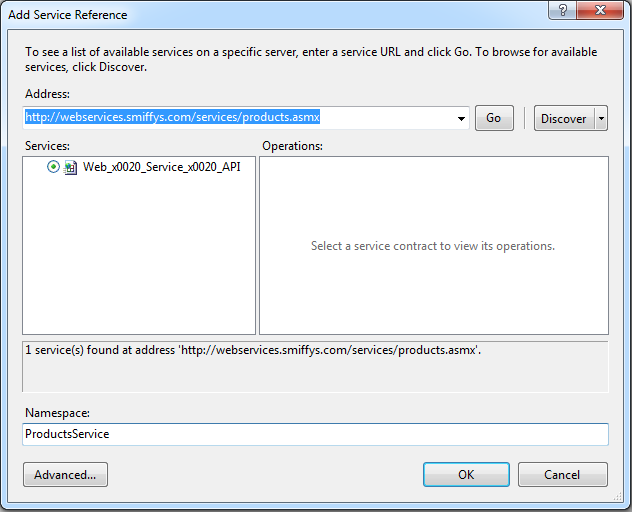
</body>

</html>

### C# ASP.Net Framework 4

Our C# ASP.Net example was programmed using Visual Studio 2010; as a result your GUI may be different than any examples detailed in this section, if you are not using the same IDE.

Follow the steps below to add a new service reference and apply the sample code:

1. Create a new solution called “DatafeedsExample” in Visual Studio 2010
2. Right click “References”, and then select “Add Service Reference…”
3. In the new “Add Service Reference” window:
   1. Enter the product service URL (http://services.smiffys.com/services/products.asmx) into the Address field, and then select the “Go” button
   2. When it has finished loading you should see “Web\_x0020\_Service\_x0020\_API” as the only option (and it should be selected) in the “Services” list
   3. In the “Namespace” field enter “ProductsService”
   4. Then select “Ok” to add the service reference
4. Create a .aspx web form called “Example” and copy the code below into it:

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Example.aspx.cs" Inherits="DatafeedsExample.Example" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title>Datafeeds .Net Example</title>

<script language="c#" runat="server">

private System.Xml.XmlNode result;

public void Page\_Load(object sender, EventArgs e)

{

var ApiKey = "";

var ClientID = "";

var ProductID = "33131M";

try

{

using (var client = new DatafeedsExample.ProductsService.WebServiceAPISoapClient())

{

result = client.GetProduct\_AllDetails(ApiKey, ClientID, ProductID);

}

}

catch (Exception Exception)

{

Response.Write("Error: " + Exception);

}

}

public void PrintRows(System.Xml.XmlNode argProductDetails)

{

if (!argProductDetails.HasChildNodes) Response.Write("No product details found.");

foreach (System.Xml.XmlNode child in argProductDetails.FirstChild.ChildNodes)

{

Response.Write("<tr>" +

"<td id=\"Attribute\">" +

child.Name + "</td>" +

"<td id=\"Value\">" +

child.InnerText + "</td>" +

"</tr>");

}

}

</script>

<style type='text/css'>

body

{

font-family: helvetica;

font-size: 14px;

}

h4, table

{

margin-left: 20px;

}

table

{

margin-top: -10px;

}

#Attribute, #Value

{

border: 0px solid black;

padding-right: 10px;

}

#Attribute

{

background-color: #E5E5E5;

}

#Value

{

background-color: #F5F5F5;

}

</style>

</head>

<body>

<form id="form1" runat="server">

<h3>Smiffy's Datafeed .Net Example</h3>

<h4>GetProduct\_AllDetails</h4>

<table>

<% PrintRows(result); %>

</table>

</form>

</body>

</html>

## FAQ

### API Key and Client ID

#### How do I get an API Key and/or Client ID?

If you are reading this document, you should have already been assigned a Client ID and API Key by your CSA (Customer Service Advisor). Please check all your email correspondence with the CSA and if you still can’t find any reference your API Key and/or Client ID, please email your CSA and ask for them again (make sure you include your customer code in the email).

#### When I try and use my API Key and Client ID I get an authentication error?

If you have any trouble using your API Key and/or Client ID please contact us at [datafeeds@smiffys.com](mailto:datafeeds@smiffys.com). Make sure you include your customer code, API Key, Client ID and any error messages in the email.

### Products service

#### No product data is returned when I use method xxxxxxx?

If no product data is returned by a method, there are no products that match your request. Please make sure that any filter parameters have been entered correctly e.g. product codes. If you continue to have problems please contact us at [datafeeds@smiffys.com](mailto:datafeeds@smiffys.com).

#### The GetFullDataSet method times out before returning any data?

The GetFullDataSet method returns a lot of data and as a result can take quite a bit longer than the average method to complete. Please program your product service code to allow an extended timeout period for this method.

#### What is the best method combination to make sure my product and stock data is updated efficiently?

The web services are designed to be flexible, and offer a variety of methods so that customers can implement these to suit their circumstance.

However, a simple combination we recommend is; to use the GetFullDataSet method each evening (or at your off-peak period) to update any product or categorisation data and use the GetStockQuantities\_LightVersion\_XML method to update the stock quantities every 30 + minutes.

#### What is the difference between a product code and a generic code?

Every product has a unique code, even if the only difference between each product is a size or colour. A group of products that are all basically the same (except for a size or colour difference) can be linked together using the generic code e.g.

|  |  |  |  |
| --- | --- | --- | --- |
| Product Code | Name | Size / Colour | Generic Code |
| 12345S | Test product | 34” chest | 12345 |
| 12345M | Test product | 40” chest | 12345 |
| 12345L | Test product | 46” chest | 12345 |
| 12345XL | Test product | 52” chest | 12345 |

#### Where can I get product images from?

Some of our methods relate to product images, however, we no longer provide any image data via the datafeeds. If you require product images they can be downloaded using Smiffy’s [Multimedia Management Centre](http://mmc.smiffys.com/) (MMC). You can link the datafeed product data to the images using the generic code, as each image file name contains the generic code of the product it relates to.

#### How often is stock data updated?

Our stock quantities are updated every 15 minutes; however, our other product data is updated early morning each day.

### Order service

#### Is the order service secure?

Yes, the service is available via https and we also recommend you only use the https service for order queries.

#### How do I get a Smiffy’s order number, for each of my orders?

When you submit an order request, you may provide an order number. You can use this this number to reference that order in the future e.g. for the [GetStatus](#_Order_status_using) method. It is not a requirement to have the Smiffy’s order number, however, if it is wanted then the [GetStatus](#_Order_status_using) method returns the Smiffy’s order number (if it is available).

#### How do get my account enabled for access to the live order service?

You should only request access to the live order service once you have tested your order service against the testing environment. Once you are sure you service is functioning correctly, email us at [datafeeds@smiffys.com](mailto:datafeeds@smiffys.com) with your request and please make sure you include your Client ID.