

Field	Format	Max Length	Comment	Example	GET responses							Product colour notes	HTTP Header Accept :Version
					List of Products	Single Product by Id	Products you might like	List of products - simple	Single product – simple	Product notes			
				3820/0011/001/3.png									
SKUs			The list of sizes for a colour										
SKU			SKU is the lowest level representation for a product. SKU is a sub-element of SKUs										
Id	Integer	22	Unique Id for this size for this colour	55623	Yes	Yes	Yes	No	No	No	No	1.0	
ClId	Integer	22	Id of parent colour	542	Yes	Yes	Yes	No	No	No	No	1.0	
Sequence	Integer	22	Sequence of this size within the colour	2	Yes	Yes	Yes	No	No	No	No	1.0	
SizeCode	Alpha	7	Code of the size	S	Yes	Yes	Yes	No	No	No	No	1.0	
SizeDescription	Alpha	30	Description of the size	36 / 38	Yes	Yes	Yes	No	No	No	No	1.0	
OriginalPrice	Num (10,2)	10	The original price of this size i.e. Price with no start / end date	32.99	Yes	Yes	Yes	No	No	No	No	1.0	
Price	Number (10,2)	10	The current price of this size – price for today	18.5	Yes	Yes	Yes	No	No	No	No	1.0	
RetailPrice	Number (10,2)	10	The current price for this size in SalesNet_RRP interface table. Might not be the same price as the store price scheme.	30.00	Yes	Yes	Yes	No	No	No	No	1.0	
Weight	Number(2,4)	22	Weight at SKU level	1.1234	Yes	Yes	Yes	No	No	No	No	1.0	

Field	Format	Max Length	Comment	Example	GET responses							Product colour notes	HTTP Header Accept :Version
					List of Products	Single Product by Id	Products you might like	List of products - simple	Single product - simple	Product notes			
WeightUnitOf Measure	Alpha		Displays the unit of measure for weight	mg	Yes	Yes	Yes	No	No	No	No	1.0	
Width	Number(2,4)	22	Width at SKU level	1.1234	Yes	Yes	Yes	No	No	No	No	1.0	
WidthUnitOf Measure	Alpha		Displays the unit of measure for width	mm	Yes	Yes	Yes	No	No	No	No	1.0	
Height	Number(2,4)	22	Height at SKU level	0.1234	Yes	Yes	Yes	No	No	No	No	1.0	
HeightUnitOf Measure	Alpha		Displays the unit of measure for height	cm	Yes	Yes	Yes	No	No	No	No	1.0	
Length	Number(2,4)	22	Length at SKU level	1.1234	Yes	Yes	Yes	No	No	No	No	1.0	
LengthUnitOf Measure	Alpha		Displays the unit of measure for length.	mm	Yes	Yes	Yes	No	No	No	No	1.0	
Barcode	Text		The default barcode for this size	931234511111	Yes								
Freestock	Integer	22	The free stock available for sale. This is based on a formula set up in a Generic Interface Translation in Apparel ²¹	27	Yes	Yes	Yes	No	No	No	No	1.0	
NextAvailable	Date (yyyy-mm-dd)	10	The next available date of stock for this size calculated from incoming Purchase Orders in Apparel ²¹ .	2001-07-29	Yes	Yes	Yes	No	No	No	No	1.0	
GlobalSequence	Integer	22	The global sequence for the size. For example size S might be defined for many products	562	Yes	Yes	Yes	No	No	No	No	1.0	

Field	Format	Max Length	Comment	Example	GET responses							Product colour notes	HTTP Header Accept :Version
					List of Products	Single Product by Id	Products you might like	List of products - simple	Single product – simple	Product notes			
			and within each size it has a different sequence, but this global sequence defines this size uniquely within the whole product range.										
Cost	Number (10,2)	10	This is the “standard” cost for the web store cost zone. This is ONLY returned if the Retail API is configured with application setting “AllowProductCost” = True	56	Yes	Yes	No	No	No	No	No	1.0	
ProductNoteTypes			The list of Product Note Types for this product.										
ProductNoteType			Product Note Type is a sub-element of Product Note Types										
Code	Alpha	40	Code of Product Note Type	Styling	No	No	No	No	No	Yes	No	2.0	
Name	Alpha	40	Description of Product Note Type	Styling Hints	No	No	No	No	No	Yes	No	2.0	
Note	Deserialised Xhtml 1.0	unlimited	Note details saved for the product in deserialised xhtml 1.0 format in table OBJECT_NOTE. Note length depends on Oracle version. Note to be re-serialised into xhtml 1.0.	You can wear this dress day or night	No	No	No	No	No	Yes	No	2.0	

Field	Format	Max Length	Comment	Example	GET responses							Product colour notes	HTTP Header Accept :Version
					List of Products	Single Product by Id	Products you might like	List of products - simple	Single product – simple	Product notes			
ProductColourNoteTypes			The list of Product Colour Note Types for this product.										
ProductColourNoteType			Product Colour Note Type is a sub-element of Product Colour Note Types										
Code	Alpha	40	Code of Product Note Type	Styling	No	No	No	No	No	No	Yes	2.0	
Name	Alpha	40	Description of Product Note Type	Styling Hints	No	No	No	No	No	No	Yes	2.0	
Note	Deserialised Xhtml 1.0	unlimited	Note details saved for the product colour in deserialised xhtml 1.0 format in table OBJECT_NOTE. Note length depends on Oracle version. Note to be re-serialised into xhtml 1.0.	Colour does not fade	No	No	No	No	No	No	Yes	2.0	

1.21 RETRIEVE PRODUCT LIST FOR NAVIGATION REFERENCE

This GET request will return a list of all products based on the Product Reference Id. The query parameter is plugged in from the reference tree as described in *Navigation tree*. This is a detailed view of products.

1.21.1 URI REQUEST FORMAT

```
/Products?countryCode={countryCode}&query={queryString}&order={orderBy}&sizeFilter={sizeCode}&colourFilter={colourCode}&updatedAfter={updateTimestamp}&startRow={startRow}&pageRows={pageRows}&CustomData=true
```

1.21.2 REQUEST PARAMETERS

Field	Required	Comment
Country Code	Mandatory	Country Code of shopper
Query	Optional	<p>Sequence and Product Reference Type. Up to 5 combinations can be entered.</p> <p>For example, if want to filter products to only Product Type Jackets, and Gender Womens, need to identify Product Type sequence and Gender sequence and unique index for Womens and Jackets.</p> <p>1,123:2,234</p> <p>Means that product reference position 1 and reference code index 123 AND product reference position 2 and reference code index 234 will be filtered.</p>
order	Optional	<p>valid values are a series of product fields and sort sequence concatenated as</p> <p>{id:asc}</p> <p>{code:desc}</p> <p>{name:asc}</p> <p>{description:asc}</p> <p>Multiple fields may be selected to define the sequencing of the products in the result.</p>
sizeFilter	Optional	A size code to filter the products by size. The range of valid size codes can be obtained from the Sizes endpoint which is defined in section 11 Sizes
colourFilter	Optional	A colour code to filter the products by colour. The range of valid colour codes can be obtained from the colours endpoint which is defined in section 1.32 Retrieve Colour List

ExtendedRefs	Optional	Set to “True” to get all product references (up to 20), not just limited to style references. If NOT “true”, only “style” references (up to 10) are returned. This was introduced from version 2015.2 onwards.
updatedAfter	Optional	<p>Allows web developers to retrieve products updated after a specific timestamp.</p> <p>Valid date formats: YYYY-MM-DDTHH:MM:SS, YYYY-MM-DDTHH:MM, YYYY-MM-DD</p> <p>The timestamp format used to query should match the head office database date/time settings.</p> <p>In the case of a price markdown that has ended, this will be considered as a product update, even though the modified date on the product will NOT have changed. This is because the current price included in the response HAS changed due to date change.</p>
startRow	Optional	Starting position of products returned
pageRows	Optional	Number of products returned
CustomData	Optional	Include Custom Data in returned product information. Set to “True” to get all valid Custom Data values.

1.21.3 EXAMPLE REQUEST

GET

<https://retailapi.apparel21.com/RetailAPI/Products?countryCode=AU&query=1,1506:3,1441&order={name:asc}&startRow=1&pageRows=40>

Content-type: text/xml

Accept:version_2.0

This will return up to 40 products per page, which belong to Commune, Accessories, Accessories references starting at the first product.

1.21.4 EXAMPLE RESPONSE

```
<Products>
  http://maree64bit7/RetailAPI2012.1\_2.1/Products?countryCode=AU&query=1,2405:2,4060:3,2368&order={name:asc}&startRow=1&pageRows=40 <Product>
    <Id>7126</Id>
    <RowNumber>1</RowNumber>
    <Code>NAB32</Code>
    <Name>Driider Off Road Tail Bag</Name>
    <Description />
    <RrpText>RRP</RrpText>
    <UpdateTimeStamp>2005-08-17T09:15:23</UpdateTimeStamp>
    <References Type="Array">
      <Reference>
        <ReferenceTypeId>258</ReferenceTypeId>
        <Id>2405</Id>
        </Reference>
      <Reference>
        <ReferenceTypeId>257</ReferenceTypeId>
        <Id>4060</Id>
        </Reference>
      <Reference>
        <ReferenceTypeId>1</ReferenceTypeId>
        <Id>2368</Id>
        </Reference>
      <Reference>
        <ReferenceTypeId>2229</ReferenceTypeId>
        <Id />
```

```

    </Reference>
<Reference>
<ReferenceTypeId>1168</ReferenceTypeId>
<Id>2390</Id>
</Reference>
<Reference>
<ReferenceTypeId>1169</ReferenceTypeId>
<Id>7185</Id>
</Reference>
</References>
<Clrs Type="Array">
<Clr>
<ProductId>7126</ProductId>
<TypeCode>BLK</TypeCode>
<ClrId>8376</ClrId>
<SizeCode>-</SizeCode>
<OriginalPrice>79.95</OriginalPrice>
<RetailPrice>0</RetailPrice>
<FreeStock>0</FreeStock>
<NextAvailable />
<GlobalSequence>0</GlobalSequence>
</Clr>
</Clrs>
</Product>
....etc....

```

1.21.5 SUCCESS RESPONSE

HTTP Response		
200		

1.21.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
404		
404	5034	Invalid pagination parameters

1.22 RETRIEVE DETAILS FOR A SINGLE PRODUCT

This request will return full details for a single product using a Product Id retrieved previously.

Perform a **GET** on the following endpoint.

1.22.1 URI REQUEST FORMAT

/Products/{id}?countryCode={countryCode}

1.22.2 REQUEST PARAMETERS

Field	Required	Comment
Id	Mandatory	Id of the Product
Country Code	Mandatory	Country Code of shopper
markdownStatus	Optional	Filter for colours based on their price status. Valid values are: <ul style="list-style-type: none"> • Permanent • Temporary • None
CustomData	Optional	Include Custom Data in returned product information. Set to "True" to get all valid Custom Data values
styleCode	Optional	Style code. This is not case sensitive

clrRefs	Optional	Include product colour references in returned product information. Set to "True" to get all valid values for product colour references
imageUrls	Optional	Include image URLs in returned product information. Set to "True" to get all valid image URLs at style and colour level

1.22.3 EXAMPLE REQUEST

GET

<https://retailapi.apparel21.com/RetailAPI/Products/1024?countryCode=AU&markdownStatus=None&CustomData=true&clrRefs=true&imageUrls=true>

Content-type: text/xml

Accept:version_4.0

1.22.4 EXAMPLE RESPONSE

```
<Product
  <Id>5481</Id>
  <RowNumber>1</RowNumber>
  <Code>0011</Code>
  <Name>SLEEVELESS ONESIE SUIT</Name>
  <Description>ROYALTY FREE IMAGE</Description>
  <SizeRange>6-14</SizeRange>
  <RrpText>MSRP</RrpText>
  <UpdateTimeStamp>2015-04-29T16:54:59</UpdateTimeStamp>
  <References Type="Array">
    <Reference>
      <ReferenceTypeId>257</ReferenceTypeId>
      <Id>1342</Id>
    </Reference>
    <Reference>
      <ReferenceTypeId>1021</ReferenceTypeId>
      <Id>5045</Id>
    </Reference>
    <Reference>
      <ReferenceTypeId>1</ReferenceTypeId>
      <Id>3281</Id>
    </Reference>
    <Reference>
      <ReferenceTypeId>1201</ReferenceTypeId>
      <Id>3081</Id>
    </Reference>
    <Reference>
      <ReferenceTypeId>258</ReferenceTypeId>
      <Id>12103</Id>
    </Reference>
    <Reference>
      <ReferenceTypeId>1621</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>315</ReferenceTypeId>
      <Id>2981</Id>
    </Reference>
  </References>
  <CustomData>
    <Cards Type="Array">
      <Card Name="Envimo Attributes">
        <Fields Type="Array">
          <Field Name="Extended Description">Best outfit ever</Field>
        </Fields>
      </Card>
    </Cards>
  </CustomData>

```

```

<Field Name="Available from">2019-03-20</Field>
<Field Name="Activity">
<ListValues Type="Array">
<Value>Camping</Value>
<Value>Fishing</Value>
<Value>Hiking</Value>
</ListValues>
</Field>
<Field Name="New Arrivals">false</Field>
</Fields>
</Card>
</Cards>
</CustomData>
<Images Type="Array">
<Image>
<Sequence>2</Sequence>
<TypeId>11803</TypeId>
<TypeCode>WEB-01</TypeCode>
<Url>https://res.cloudinary.com/envimo/image/upload/v1512523925/101780-3820/0011/2.jpg</Url>
</Image>
<Image>
<Sequence>3</Sequence>
<TypeId>11804</TypeId>
<TypeCode>WEB-02</TypeCode>
<Url>https://res.cloudinary.com/envimo/image/upload/v1501634278/101780-3820/0011/3.png</Url>
</Image>
<Image>
<Sequence>4</Sequence>
<TypeId>11805</TypeId>
<TypeCode>WEB-03</TypeCode>
<Url>https://res.cloudinary.com/envimo/image/upload/v1501634279/101780-3820/0011/4.png</Url>
</Image>
</Images>
<Clrs Type="Array">
<Clr>
<Id>6123</Id>
<ProductId>5481</ProductId>
<Sequence>1</Sequence>
<Code>001</Code>
<Name>MULTICOLOURED - Rainbow Colour</Name>
<TypeCode>001</TypeCode>
<TypeName>MULTICOLOURED - Rainbow Colour</TypeName>
<MarkdownStatus>Permanent</MarkdownStatus>
<References Type="Array">
<Reference>
<ReferenceTypeId>1321</ReferenceTypeId>
<Id>4362</Id>
</Reference>
<Reference>
<ReferenceTypeId>1521</ReferenceTypeId>
<Id />
</Reference>
<Reference>
<ReferenceTypeId>1881</ReferenceTypeId>
<Id>12664</Id>
</Reference>
<Reference>
<ReferenceTypeId>2041</ReferenceTypeId>
<Id />
</Reference>
</References>
</CustomData>
<Cards Type="Array">
<Card Name="Envimo Attributes">
<Fields Type="Array">
<Field Name="Available from">2019-03-20</Field>
<Field Name="New Arrivals">false</Field>
</Fields>

```

```

        </Card>
    </Cards>
</CustomData>
<Images Type="Array">
    <Image>
        <Sequence>1</Sequence>
        <TypeId>9923</TypeId>
        <TypeCode>Catalogue</TypeCode>
        <Url>https://res.cloudinary.com/envimo/image/upload/v1501634817/101780-3820/0011/001/1.jpg</Url>
    </Image>
    <Image>
        <Sequence>3</Sequence>
        <TypeId>11804</TypeId>
        <TypeCode>WEB-02</TypeCode>
        <Url>https://res.cloudinary.com/envimo/image/upload/v1501634857/101780-3820/0011/001/3.png</Url>
    </Image>
</Images>
<SKUs Type="Array">
    <SKU>
        <Id>12431</Id>
        <ClId>6123</ClId>
        <Sequence>1</Sequence>
        <SizeCode>6</SizeCode>
        <OriginalPrice>200</OriginalPrice>
        <Price>5</Price>
        <RetailPrice>200</RetailPrice>
        <Weight>0.11</Weight>
        <WeightUnitOfMeasure>Kg</WeightUnitOfMeasure>
        <Width>22.3345</Width>
        <WidthUnitOfMeasure>mm</WidthUnitOfMeasure>
        <Height>0</Height>
        <HeightUnitOfMeasure>mm</HeightUnitOfMeasure>
        <Length>10.1234</Length>
        <LengthUnitOfMeasure>mm</LengthUnitOfMeasure>
        <FreeStock>345</FreeStock>
        <NextAvailable />
        <GlobalSequence>1</GlobalSequence>
    </SKU>
</SKUs>
Etc...

```

1.22.5 SUCCESS RESPONSE

HTTP Response		
200		

1.22.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
404		

1.23 RETRIEVE PRODUCTS YOU MIGHT LIKE

This returns a list of products that have been grouped as similar in Apparel²¹. It enables products to be suggested to shoppers as products “you might like”.

Perform a **GET** on the following URI

1.23.1 URI REQUEST FORMAT

/Products/{id}/YouMightLikeProducts?countryCode={countryCode}

1.23.2 REQUEST PARAMETERS

Field	Required	Comment
Id	Mandatory	Id of the product
CountryCode	Mandatory	Country code of the shopper

1.23.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/RetailAPI/Products/1155/YouMightLikeProducts?countryCode=AU>

Content-type: text/xml
Accept:version_2.0

1.23.4 EXAMPLE RESPONSE

```
<Product>
  <Id>13806</Id>
  <RowNumber>1</RowNumber>
  <Code>1707</Code>
  <Name>baby boy party suit</Name>
  <Description>0-2 years baby boy party suites</Description>
  <SizeRange>Baby</SizeRange>
  <RrpText>MSRP</RrpText>
  <UpdateTimeStamp>2023-04-14T16:37:58</UpdateTimeStamp>
  <References Type="Array">
    <Reference>
      <ReferenceTypeId>257</ReferenceTypeId>
      <Id>16105</Id>
    </Reference>
    <Reference>
      <ReferenceTypeId>1021</ReferenceTypeId>
      <Id>5043</Id>
    </Reference>
    <Reference>
      <ReferenceTypeId>1</ReferenceTypeId>
      <Id>12792</Id>
    </Reference>
    <Reference>
      <ReferenceTypeId>1201</ReferenceTypeId>
      <Id>3081</Id>
    </Reference>
    <Reference>
      <ReferenceTypeId>258</ReferenceTypeId>
      <Id>16364</Id>
    </Reference>
```

```

    </Reference>
<Reference>
    <ReferenceTypeId>1621</ReferenceTypeId>
    <Id>9701</Id>
</Reference>
<Reference>
    <ReferenceTypeId>1821</ReferenceTypeId>
    <Id />
</Reference>
<Reference>
    <ReferenceTypeId>2081</ReferenceTypeId>
    <Id />
</Reference>
<Reference>
    <ReferenceTypeId>2082</ReferenceTypeId>
    <Id />
</Reference>
<Reference>
    <ReferenceTypeId>2101</ReferenceTypeId>
    <Id />
</Reference>
</References>
<Clrs Type="Array">
    <Clr>
        <Id>17132</Id>
        <ProductId>13806</ProductId>
        <Sequence>10</Sequence>
        <Code>0023456789</Code>
        <Name>BLACK</Name>
        <TypeCode>BLK-TYPE</TypeCode>
        <TypeName>BLK-TYPE</TypeName>
        <MarkdownStatus>None</MarkdownStatus>
        <SKUs Type="Array">
            <SKU>
                <Id>41921</Id>
                <ClrId>17132</ClrId>
                <Sequence>10</Sequence>
                <SizeCode>000</SizeCode>
                <OriginalPrice>110</OriginalPrice>
                <Price>110</Price>
                <RetailPrice>0</RetailPrice>
                <Weight>0.1235</Weight>
                <WeightUnitOfMeasure>Kg</WeightUnitOfMeasure>
                <Width>22.3345</Width>
                <WidthUnitOfMeasure>mm</WidthUnitOfMeasure>
                <Height>0</Height>
                <HeightUnitOfMeasure>mm</HeightUnitOfMeasure>
                <Length>10.1234</Length>
                <LengthUnitOfMeasure>mm</LengthUnitOfMeasure>
                <FreeStock>0</FreeStock>
                <NextAvailable />
                <Barcode>1234567034027</Barcode>
                <GlobalSequence>2</GlobalSequence>
            </SKU>
            <SKU>
                <Id>41922</Id>
                <ClrId>17132</ClrId>
                <Sequence>20</Sequence>
                <SizeCode>00</SizeCode>
                <OriginalPrice>110</OriginalPrice>
                <Price>110</Price>
                <RetailPrice>0</RetailPrice>
                <Weight>0.11</Weight>
            </SKU>
        </SKUs>
    </Clr>
</Clrs>

```

```

<WeightUnitOfMeasure>Kg</WeightUnitOfMeasure>
<Width>22.3345</Width>
<WidthUnitOfMeasure>mm</WidthUnitOfMeasure>
<Height>0</Height>
<HeightUnitOfMeasure>mm</HeightUnitOfMeasure>
<Length>10.1234</Length>
<LengthUnitOfMeasure>mm</LengthUnitOfMeasure>
<FreeStock>0</FreeStock>
<NextAvailable />
<Barcode>1234567034034</Barcode>
<GlobalSequence>1</GlobalSequence>
</SKU>
</SKUs>
....etc....
```

1.23.5 SUCCESS RESPONSE

HTTP Response		
200		

1.23.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
404		
403	5096	Free Stock Formula is invalid in the GIT setup
403	5097	Future Stock Formula is invalid in the GIT setup

1.24 RETRIEVE SIMPLE LIST OF PRODUCTS

This query will return a list of products with fewer details than provided with “Get list of Products”. It can be used to present the shopper with the initial display of products without the colours and sizes and will considerably reduce the response payload.

1.24.1 URI REQUEST FORMAT

/ProductsSimple?countryCode={countryCode}&query={queryString}&updatedAfter={updateTimestamp}&order={orderBy}&startRow={startRow}&pageRows={pageRows}

1.24.2 REQUEST PARAMETERS

Field	Required	Comment
CountryCode	Mandatory	Country Code of the shopper
Query String	Optional	Sequence and Product Reference Type. Up to 5 combinations can be entered.
updatedAfter	Optional	Allows web developers to retrieve products updated after a specific timestamp. Valid date formats: YYYY-MM-DDTHH:MM:SS, YYYY-MM-DDTHH:MM, YYYY-MM-DD The timestamp format used to query should match the head office database date/time settings. This was introduced from version 2016.3 onwards. This filter considers price changes for “today” as a product update.

Order	Optional	valid values are a series of product fields and sort sequence concatenated as {id:asc} {code:desc} {name:asc} {description:asc} {price:asc} Multiple fields may be selected to define the sequencing of the products in the result.
startRow	Optional	Starting product number
pageRows	Optional	Number of products per page
styleCode	Optional	Style code. This is not case sensitive

1.24.3 EXAMPLE REQUEST

GET

<https://retailapi.apparel21.com/RetailAPI/ProductsSimple?countryCode=AU&query=1,1506:3,1441&order={name:asc}&startRow=1&pageRows=40>

Content-type: text/xml

Accept:version_2.0

1.24.4 EXAMPLE RESPONSE

```
<ProductsSimple>
<ProductSimple>
<Id>6264</Id>
<RowNumber>1</RowNumber>
<Code>M2</Code>
<Name>MRP 2</Name>
<Description />
<OriginalPriceFrom>79.95</OriginalPriceFrom>
<PriceFrom>79.95</PriceFrom>
<OriginalPriceTo>79.95</OriginalPriceTo>
<PriceTo>79.95</PriceTo>
<AvailableStock>0</AvailableStock>
<UpdateTimeStamp>2010-06-03T10:03:43</UpdateTimeStamp>
</ProductSimple>
<ProductSimple>
<Id>7126</Id>
<RowNumber>2</RowNumber>
<Code>NAB32</Code>
<Name>Dririder Off Road Tail Bag</Name>
<Description />
<OriginalPriceFrom>79.95</OriginalPriceFrom>
<PriceFrom>79.95</PriceFrom>
<OriginalPriceTo>79.95</OriginalPriceTo>
<PriceTo>79.95</PriceTo>
<AvailableStock>0</AvailableStock>
<UpdateTimeStamp>2005-08-17T09:15:23</UpdateTimeStamp>
</ProductSimple>
</ProductsSimple>
```

1.24.5 SUCCESS RESPONSE

HTTP Response		
200		

1.24.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
404		
400	5034	Invalid pagination parameters

1.25 RETRIEVE SIMPLE DETAILS FOR A SINGLE PRODUCT

This **GET** request will return ‘simple’ details for a single product using the Product Id retrieved previously.

1.25.1 URI REQUEST FORMAT

/ProductsSimple/{id}?countryCode={countryCode}

1.25.2 REQUEST PARAMETERS

Field	Required	Comment
Id	Mandatory	Id of the Product
Country Code	Mandatory	Country Code of shopper

1.25.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/RetailAPI/ProductsSimple/1024?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.25.4 EXAMPLE RESPONSE

```
<ProductSimple>
<Id>7126</Id>
<RowNumber>1</RowNumber>
<Code>NAB32</Code>
<Name>Dririter Off Road Tail Bag</Name>
<Description />
<OriginalPriceFrom>79.95</OriginalPriceFrom>
<PriceFrom>79.95</PriceFrom>
<OriginalPriceTo>79.95</OriginalPriceTo>
<PriceTo>79.95</PriceTo>
<AvailableStock>0</AvailableStock>
<UpdateTimeStamp>2005-08-17T09:15:23</UpdateTimeStamp>
</ProductSimple>
```

1.25.5 SUCCESS RESPONSE

HTTP Response		
200		

1.25.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
404		

1.26 RETRIEVE PRODUCT NOTES

This **GET** request will return the note types and notes stored in AP21 for a product using the Product Id retrieved previously. If no notes exist for a Product Id, no notes are returned.

1.26.1 URI REQUEST FORMAT

/ProductNotes/{id}?countryCode={countryCode}

1.26.2 REQUEST PARAMETERS

Field	Required	Comment
Id	Mandatory	Id of the Product
Country Code	Mandatory	Country Code of shopper

1.26.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/RetailAPI/ProductNotes/1155?countryCode=AU>

Content-type: text/xml
Accept:version_2.0

1.26.4 EXAMPLE RESPONSE

```
<ProductNoteTypes>
<ProductNoteType>
    <Code>Web Description</Code>
    <Name>Web Description for Retail API</Name>
    <Note>&lt;!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"&gt;
&lt;html&gt;
    &lt;head&gt;
        &lt;meta HTTP-EQUIV="Content-Type" CONTENT="text/html; charset=utf-8"
/&gt;&lt;title&gt;
        &lt;/title&gt;
        &lt;style type="text/css"&gt;
            .cs2E86D3A6{text-align:center;text-indent:0pt;margin:0pt 0pt 0pt 0pt}
            .cs5EFED2F{color:#000000;background-color:transparent;font-family:Times New
Roman; font-size:12pt; font-weight:normal; font-style:normal; }
            .csB86C8CFE{color:#000000;background-color:transparent;font-family:Times New
Roman; font-size:12pt; font-weight:bold; font-style:normal; }
            .cs91B7CE26{color:#000000;background-color:#FFFF80;font-family:Times New
Roman; font-size:12pt; font-weight:normal; font-style:normal; }
        &lt;/style&gt;
    &lt;/head&gt;
    &lt;body&gt;
```

```

<lt;span><lt;p class="cs2E86D3A6">&gt;<lt;span class="cs5EFED22F">&gt;Heavyweight
Cotton Drill Coverall with 3M <lt;/span><lt;span class="csB86C8CFE">&gt;50mm<lt;/span><lt;span
class="cs5EFED22F">&gt; 8910 Reflective Tape<lt;/span><lt;span class="cs2E86D3A6">&gt;<lt;span
class="cs91B7CE26">&gt;Two hoops around body and a hoop around each
arm and leg<lt;/span><lt;/p><lt;/span><lt;/body>&gt;
<lt;/html>
</Note>
</ProductNoteType>
</ProductNoteTypes>
```

1.26.5 SUCCESS RESPONSE

HTTP Response		
200		

1.26.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
404		

1.27 RETRIEVE PRODUCT COLOUR NOTES

This **GET** request will return the note types and notes stored in AP21 for a product colour using the ClId retrieved previously. If no notes exist for a ClId, no notes are returned.

1.27.1 URI REQUEST FORMAT

/ProductColourNotes/{id}?countryCode={countryCode}

1.27.2 REQUEST PARAMETERS

Field	Required	Comment
Id	Mandatory	Id of the Product Colour
Country Code	Mandatory	Country Code of shopper

1.27.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/RetailAPI/ProductColourNotes/1200?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.27.4 EXAMPLE RESPONSE

```

<ProductColourNoteTypes
    <ProductColourNoteType>
        <Code>Note1</Code>
        <Name>Note1</Name>
        <Note>&lt;!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"&gt;
&lt;html
    xmlns="http://www.w3.org/1999/xhtml"&gt;
    &lt;head&gt;
        &lt;meta http-equiv="Content-Type" content="text/html; charset=utf-8"
/&gt;&lt;title&gt;
        &lt;/title&gt;
        &lt;style type="text/css"&gt;
            .cs95E872D0{text-align:left;text-indent:0pt;margin:0pt 0pt 0pt 0pt}

```

```

.csCF6BBF71{color:#000000;background-color:transparent;font-family:Times New
Roman;font-size:12pt;font-weight:normal;font-style:normal;}
<!/style>
</head>
<body>
<p class="cs95E872D0"><span class="csCF6BBF71">Blue
Note2</span></p></body>
</html>

</Note>
</ProductColourNoteType>
<ProductColourNoteType>
<Code>Note2</Code>
<Name>Note2</Name>
<Note>&lt;!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"&gt;
<html
    xmlns="http://www.w3.org/1999/xhtml"&gt;
    &lt;head&gt;
        &lt;meta http-equiv="Content-Type" content="text/html; charset=utf-8"
/&gt;&lt;title&gt;
        &lt;/title&gt;
        &lt;style type="text/css"&gt;
            .cs95E872D0{text-align:left;text-indent:0pt;margin:0pt 0pt 0pt 0pt}
            .csCF6BBF71{color:#000000;background-color:transparent;font-family:Times New
Roman;font-size:12pt;font-weight:normal;font-style:normal;}
        &lt;/style&gt;
    &lt;/head&gt;
    &lt;body>
        <p class="cs95E872D0"><span class="csCF6BBF71">Blue
Note2</span></p></body>
</html>
</Note>
</ProductColourNoteType>
</ProductColourNoteType>

```

1.27.5 SUCCESS RESPONSE

HTTP Response		
200		

1.27.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
404		

1.28 RETRIEVE PRODUCT CUSTOM DATA TEMPLATES AND ATTRIBUTES

A GET endpoint is available to retrieve the list of product custom data templates available on a web store. Besides, details of a single template can be retrieved by supplying the template name.

Generally, all product custom data templates with “Available to Retail API” selection will be returned. This can be limited by entering the web store and product custom data templates combination in GIT table called Retail API Custom Data filter in Apparel21 (Reference 115891 Retail API - ability to restrict custom data cards to specific API instance) . The entries in GIT table is checked to ensure that only eligible product custom data templates are returned with the GET endpoint.

Custom data field can be defined at product, colour or inherited level. When a data field is defined at inherited level, the value of custom data field retrieved from /Product should be read at colour level.

Field	Format	Comment	Example	Single template by name	HTTP Header Accept:Version
CustomData		List of custom data templates		Yes	4.0
Template	Alpha			Yes	4.0
Name	Alpha	Template name		Yes	4.0
ImageUrl	Alpha	A web-based image URL	https://apparel21.com/wp-content/uploads/2018/07/hero_p.jpg	Yes	4.0
Fields	Alpha	Type="Array"		Yes	4.0
Field	Alpha			Yes	4.0
Label	Alpha	Label for data field		Yes	4.0
Type	Alpha	Data type of data field. There are 6 data types available.	Text Memo Date Number Checkbox TagList TreeList	Yes	4.0
Level	Alpha	Level at which data field is defined.	Product Clr Inherited	Yes	4.0
Length	Number	For Text data type	1000	Yes	4.0
Min	Number	For Number data type	0	Yes	4.0
Max	Number	For Number data type	1000	Yes	4.0
TagListMultiSelect	Alpha	For TagList datatype	False True	Yes	4.0
IsAdhocList	Alpha	For TagList data type	False True	Yes	4.0
Tags	Alpha	Type="Array"		Yes	4.0
Tag	Alpha			Yes	4.0
Value	Alpha	For TagList data type	Australia 1001	Yes	4.0
TreeListMultiSelect	Alpha	For TreeList data type	False True	Yes	4.0
TreeList	Alpha	Type="Array"		Yes	4.0
TreeNode	Alpha			Yes	4.0
FullPath	Alpha	Full path of the tree node	Clothing>Jeans	Yes	4.0

1.28.1 URI REQUEST FORMAT

/Products/CustomDataTemplates/{template name}?countryCode={countryCode}

1.28.2 REQUEST PARAMETERS

Field	Required	Comment
Country Code	Mandatory	Country Code of shopper
Template Name	Optional	Name of custom data template

1.28.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/Retailapi/Products/CustomDataTemplates?countryCode=AU-GA-IO>

Content-type: text/xml
Accept:version_4.0

1.28.4 EXAMPLE RESPONSE

```
<CustomData xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
<Template>
    <Name>TheIconic 1</Name>
    <ImageUrl />
    <Fields Type="Array">
        <Field>
            <Label>Short Description</Label>
            <Type>Text</Type>
            <Level>Product</Level>
            <Length>1000</Length>
        </Field>
        <Field>
            <Label>Product Details</Label>
            <Type>Memo</Type>
            <Level>Product</Level>
        </Field>
        <Field>
            <Label>Launch Date</Label>
            <Type>Date</Type>
            <Level>Inherited</Level>
        </Field>
        <Field>
            <Label>Limited Edition</Label>
            <Type>Checkbox</Type>
            <Level>Clr</Level>
        </Field>
        <Field>
            <Label>Iconic Category</Label>
            <Type>TreeList</Type>
            <Level>Product</Level>
            <TreeListMultiSelect>True</TreeListMultiSelect>
            <TreeList Type="Array">
                <TreeNode>
                    <FullPath>Clothing</FullPath>
                </TreeNode>
                <TreeNode>
                    <FullPath>Clothing&gt;Jeans</FullPath>
                </TreeNode>
                <TreeNode>
                    <FullPath>Clothing&gt;Jeans&gt;Flares</FullPath>
                </TreeNode>
                <TreeNode>
                    <FullPath>Clothing&gt;Jeans&gt;Girlfriend</FullPath>
                </TreeNode>
                <TreeNode>
                    <FullPath>Clothing&gt;Jeans&gt;Tapered</FullPath>
                </TreeNode>
                <TreeNode>
                    <FullPath>Clothing&gt;Jeans&gt;Boyfriend</FullPath>
                </TreeNode>
                <TreeNode>
                    <FullPath>Clothing&gt;Jeans&gt;Bootcut</FullPath>
                </TreeNode>
            </TreeList>
        </Field>
        <Field>
            <Label>Weight in grams</Label>
            <Type>Number</Type>
            <Level>Product</Level>
            <Min>1</Min>
            <Max>1000</Max>
        </Field>
    </Fields>
</Template>
```