

```

        <CreditStatus />
        <Message />
        <JoinDate />
        <StatusId />
    </Loyalty>
    <Loyalty>
        <Id>1262</Id>
        <LoyaltyTypeId>10570</LoyaltyTypeId>
        <LoyaltyType>Staff Loyalty 40%</LoyaltyType>
        <CardNo>L40</CardNo>
        <Expiry />
        <Balance />
        <CreditStatus />
        <Message />
        <JoinDate>2014-09-11</JoinDate>
        <StatusId />
    </Loyalty>
</Loyalties>
<RewardsAccounts>
    <Account>
        <Id>1</Id>
        <ProgramId>1</ProgramId>
        <ProgramName>Apparel21 Rewards Program</ProgramName>
        <TierId>1</TierId>
        <TierName>Bronze</TierName>
    </Account>
</RewardsAccounts>
</Person>

```

1.37.5 SUCCESS RESPONSE

HTTP Response		
200		

1.37.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
404		

1.38 RETRIEVE SINGLE PERSON LAST UPDATE TIMESTAMP

This request will return the last update timestamp for a single person using the Person Id retrieved previously. The timestamp returned is required when updating a person record and is used to check that the record being updated has not been modified since the record was retrieved.

1.38.1 URI REQUEST FORMAT

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

</Persons/{id}/UpdateTimeStamp/?CountryCode={CountryCode}>

1.38.2 REQUEST PARAMETERS

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

1.38.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/RetailAPI/Persons/4881/UpdateTimeStamp/?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.38.4 EXAMPLE RESPONSE

```
<PersonUpdateTimeStamp>
<PersonId>101451</PersonId>
<UpdateTimeStamp>2012-10-09T10:47:16</UpdateTimeStamp>
</PersonUpdateTimeStamp>
```

1.38.5 SUCCESS RESPONSE

HTTP Response		
200		

1.38.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
404		

1.39 RETRIEVE PERSON RECORDS UPDATED AFTER A SPECIFIC TIMESTAMP

To retrieve person records that have been updated after a specific timestamp.

1.39.1 URI REQUEST FORMAT

Perform a **GET** on the following endpoint

/Persons/?countryCode={countryCode}&UpdatedAfter={timestamp}

1.39.2 REQUEST PARAMETERS

Field	Required	Comment
countryCode	Mandatory	Country code of shopper
updatedAfter	Mandatory	To retrieve person records that have been updated after a specific timestamp The following are the valid formats for the timestamp: YYYY-MM-DDTHH:MM:SS (24-hour format) YYYY-MM-DDTHH:MM (24-hour format) YYYY-MM-DD

1.39.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/RetailAPI/Persons/?countryCode=AU&updatedAfter=2021-12-15T11:00:00>

Content-type: text/xml

Accept:version_1.0

1.39.4 EXAMPLE RESPONSE

```
<Persons xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <Person>
    <Id>13173</Id>
    <UpdateTimeStamp>15/12/2021 11:15:13 AM</UpdateTimeStamp>
    <References Type="Array">
```

1.39.5 SUCCESS RESPONSE

HTTP Response		
200		

1.39.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
404		

1.40 CREATE NEW PERSON

Prior to a shopper generating an order through the website they must be created as a *Person* in Apparel²¹. A Person is created by submitting a **POST** to the following URI. Only one Person can be created at a time.

1.40.1 URI REQUEST FORMAT

/Persons/?countryCode={countryCode}

1.40.2 REQUEST PARAMETERS

Field	Required	Comment
CountryCode	Mandatory	Country Code of Shopper

1.40.3 EXAMPLE REQUEST

POST <https://retailapi.apparel21.com/RetailAPI/Persons/?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.40.4 EXAMPLE PAYLOAD

```
<Person>
  <Title>MS</Title>
  <Initials>AM</Initials>
  <Firstname>ALICE</Firstname>
  <Surname>MCGINTY</Surname>
  <References Type="Array">
    <Reference>
      <ReferenceTypeId>373</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>1781</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>1782</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>1801</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>1501</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>27</ReferenceTypeId>
      <Id />
    </Reference>
  </References>
  <CustomData>
    <Cards Type="Array">
      <Card Name="My_sample_data"> <!--If no data, pass the card with empty value fields -->
        <Fields Type="Array">
          <Field Name="My_card_No">LMI01234567890123</Field>
          <Field Name="Preferred language">

```

```

        <ListValues Type="Array">
            <Value>English</Value>
        </ListValues>
    </Field>
    <Field Name="MID_Line">45789357</Field>
    <Field Name="Collect">true</Field>
    <Field Name="Usage">true</Field>
    <Field Name="Disclosure">true</Field>
    <Field Name="Allow_Contact">false</Field>
    <Field Name="Email_Status">true</Field>
    <Field Name="SMS_Status">false</Field>
    <Field Name="DirectMail_Status">true</Field>
    <Field Name="Terms and Condition">true</Field>
</Fields>
</Card>
</Cards>
</CustomData>
<IsAgent>false</IsAgent>
<Addresses>
    <Billing>
        <ContactName />
        <AddressLine1>1 SWAN ST</AddressLine1>
        <AddressLine2 />
        <City>RICHMOND</City>
        <State>VIC</State>
        <Postcode>3121</Postcode>
        <Country>AUSTRALIA</Country>
    </Billing>
</Addresses>
<Contacts>
    <Email>alice.mcginty@gmail2.com</Email>
</Contacts>
<Loyalties Type="Array">
    <Loyalty>
        <LoyaltyTypeId>10570</LoyaltyTypeId>
        <CardNo>L4012345</CardNo>
        <Expiry />
        <Balance />
        <CreditStatus />
        <Message />
        <JoinDate>2014-09-11</JoinDate>
        <StatusId />
    </Loyalty>
</Loyalties>
</Person>

```

1.40.5 SUCCESS RESPONSE

HTTP Response	
201	Newly created person referenced by the URI returned in the location header field.

1.40.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
400	5000	Surname is required
400	5001	Firstname is required
400	5003	Code must be blank to create new person
400	5006	Email already exists for other person
400	5089	Reference id is invalid
400	5090	Reference id is invalid for the reference type
400	5091	Reference id is required for the reference type id 9999
400	5099	Invalid date format. Valid format is 'yyyy-MM-dd' This occurs when Start Date or Date of Birth date formats are incorrect.

400	5111	Invalid privacy flag 'xxxx' – must be 'true' or 'false'
400	5109	Invalid numeric value: 'xxx'
400	5101	Loyalty type is empty
400	5106	Invalid loyalty type id: 'xxxx'
400	5103	Person already has a loyalty card of type: 'xxxx'
400	5102	Loyal card number 'xxx' is being used
400	5104	Loyalty card number 'xxx' is invalid. It should start with 'LM' OR 'L1'
400	5105	Loyalty card number is empty
403	5014	Size of field XXXX, 9999 is too long. Maximum length is 9999.
403	5209	A person is already attached to docket Dxxxxxx
403	5210	Docket Number Dxxxxxx is not valid
403	5193	Card name 'xxxxx' is invalid
403	5194	Card name is missing
403	5195	Field name 'xxxxx' is invalid
403	5196	Field value 'xxxx' is invalid for Field: 'XXXXX'
403	5197	Field type is invalid. Field: 'XXXX'
403	5198	Field length is invalid. Field: 'TextXX'; Field Value: 'xxx'
403	5199	Nonnumeric data found for numeric field. Field: 'XXX';Field Value: 'xxx'
403	5200	Invalid value range. Field: 'NumberXXX'; Field Value: 'number'
403	5201	Invalid date format. Valid format is 'yyyy-MM-dd'. Field: 'DateXXX'; Field Value: 'dd-mm-yyyy'
403	5202	Invalid reference. Field: XXXX
403	5203	Multiple values not allowed. Field: 'Tag List XXX'
403	5204	Invalid list value. Field: 'Tag List XX' ; List Value: 'xxx'
403	5205	Record not exist
403	5206	No Person Template Found

1.40.7 UPDATE EXISTING PERSON

Update details for a Person by submitting a **PUT** to the following URI.

Note: all person data not supplied in the payload will be cleared off the person account except for Custom Data which still remains the same.

As person data can be updated in many places of Apparel²¹ (retail API, POS, Person Maintenance), it is essential to get the latest person data before posting an update so that no changes are lost. To determine whether the latest data is being supplied, the “update time stamp” element is used. This supplied information must match the current status of the person for an update to be successful.

1.40.8 URI REQUEST FORMAT

/Persons/{id}?countryCode={countryCode}

1.40.9 REQUEST PARAMETERS

Field	Required	Comment
Id	Mandatory	Person id retrieved from the person GET
CountryCode	Mandatory	Country Code of Shopper

1.40.10 EXAMPLE REQUEST

PUT <https://retailapi.apparel21.com/RetailAPI/Persons/4881?countryCode=AU>

Content-type: text/xml

Accept: version_2.0

1.40.11 EXAMPLE PAYLOAD

```
<Person>
  <Title>Mr</Title>
  <Firstname>Fred</Firstname>
  <Surname>Smith</Surname>
  <Sex>M</Sex>
  <UpdateTimeStamp>11/11/2014 3:54:30 PM</UpdateTimeStamp>
<References>
  <Reference>
    <ReferenceTypeId>373</ReferenceTypeId>
    <Id />
  </Reference>
  <Reference>
    <ReferenceTypeId>1781</ReferenceTypeId>
    <Id />
  </Reference>
  <Reference>
    <ReferenceTypeId>1782</ReferenceTypeId>
    <Id />
  </Reference>
  <Reference>
    <ReferenceTypeId>1801</ReferenceTypeId>
    <Id />
  </Reference>
  <Reference>
    <ReferenceTypeId>1501</ReferenceTypeId>
    <Id />
  </Reference>
  <Reference>
    <ReferenceTypeId>27</ReferenceTypeId>
    <Id />
  </Reference>
</References>
<CustomData>
<Cards Type="Array">
<Card Name="Special request">
<Fields Type="Array">
<Field Name="Special request from customer">Prefer to receive a catalog via post</Field>
</Fields>
</Card>
<Card Name="Marketing information "> <!--This clears out data from card-->
<Fields Type="Array">
<Field Name="SMS "/>
<Field Name="Email"/>
<Field Name="Address"/>
</Fields>
</Card>
</Cards>
</CustomData>
  <Addresses>
    <Billing>
      <ContactName />
      <AddressLine1>101 Cremorne St</AddressLine1>
      <AddressLine2 />
      <City>CREMORNE</City>
      <State>VIC</State>
      <Postcode>3121</Postcode>
      <Country>AUSTRALIA</Country>
    </Billing>
  </Addresses>
</Person>
```

1.40.12 SUCCESS RESPONSE

HTTP Response		
---------------	--	--

200		
-----	--	--

1.40.13 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
400	5000	Surname is required
400	5001	Firstname is required
400	5003	Code must be blank to create new person
400	5004	Email is required
400	5005	Billing address is required
400	5006	Email already exists for other person
400	5010	Person has been updated by another user – Update Time Stamp has changed from date/time to date/time This occurs if user is updating an existing person but either hasn't supplied an "updated time stamp" element or has supplied one that is out of date.
400	5089	Reference id is invalid
400	5090	Reference id is invalid for the reference type
400	5091	Reference id is required for the reference type id 9999
400	5099	Invalid date format. Valid format is 'yyyy-MM-dd' This occurs when Start Date or Date of Birth date formats are incorrect.
403	5014	Size of field XXXX, 9999 is too long. Maximum length is 9999.
403	5193	Card name 'xxxxx' is invalid
403	5194	Card name is missing
403	5195	Field name 'xxxxx' is invalid
403	5196	Field value 'xxxx' is invalid for Field: 'XXXXX'
403	5197	Field type is invalid. Field: 'XXXX'
403	5198	Field length is invalid. Field: 'TextXX'; Field Value: 'xxx'
403	5199	Nonnumeric data found for numeric field. Field: 'XXX';Field Value: 'xxx'
403	5200	Invalid value range. Field: 'NumberXXX'; Field Value: 'number'
403	5201	Invalid date format. Valid format is 'yyyy-MM-dd'. Field: 'DateXXX'; Field Value: 'dd-mm-yyyy'
403	5202	Invalid reference. Field: XXXX
403	5203	Multiple values not allowed. Field: 'Tag List XXX'
403	5204	Invalid list value. Field: 'Tag List XX' ; List Value: 'xxx'
403	5205	Record not exist
403	5206	No Person Template Found

1.41 GET LIST OF CUSTOM DATA TEMPLATES

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

Field	Format	Comment	Example	Single template by name	HTTP Header Accept:Version
CustomData		List of custom data templates		Yes	2.0
Template	Alpha			Yes	2.0
Name	Alpha	Template name		Yes	2.0
ImageUrl	Alpha	A web-based image URL	https://apparel21.com/wp-content/uploads/2018/07/hero_p.jpg	Yes	2.0
Fields	Alpha	Type="Array"		Yes	2.0
Field	Alpha			Yes	2.0
Label	Alpha	Label for data field		Yes	2.0
Type	Alpha	Data type of data field. There are 6 data types available.	Text Memo Date Number Checkbox TagList	Yes	2.0
Length	Number	For Text data type	1000	Yes	2.0
Min	Number	For Number data type	0	Yes	2.0
Max	Number	For Number data type	1000	Yes	2.0
TagListMultiSelect	Alpha	For TagList datatype	False True	Yes	2.0
IsAdhocList	Alpha	For TagList datatype	False True	Yes	2.0
Tags	Alpha	Type="Array"		Yes	2.0
Tag	Alpha			Yes	2.0
Value	Alpha	For TagList datatype	Australia	Yes	2.0

1.41.1 URI REQUEST FORMAT

/Persons/customdatatemplates?countryCode={countryCode}

1.41.2 REQUEST PARAMETERS

Field	Required	Comment
CountryCode	Mandatory	Country Code of Shopper

1.41.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/Persons/customdatatemplates?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.41.4 EXAMPLE RESPONSE

```
<CustomData xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Template>
    <Name>Special request</Name>
    <ImageUrl/>
    <Fields Type="Array">
      <Field>
        <Label>Special request from customer</Label>
        <Type>Memo</Type>
      </Field>
    </Fields>
  </Template>
  <Template>
    <Name>Marketing information </Name>
    <ImageUrl/>
    <Fields Type="Array">
      <Field>
        <Label>SMS </Label>
        <Type>Checkbox</Type>
      </Field>
      <Field>
        <Label>Email</Label>
        <Type>Checkbox</Type>
      </Field>
      <Field>
        <Label>ID</Label>
        <Type>Number</Type>
        <Min>0</Min>
        <Max>10000</Max>
      </Field>
    </Fields>
  </Template>
</CustomData>
```

1.41.5 SUCCESS RESPONSE

HTTP Response	
200	

1.41.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
403	5015	No person template available for the warehouse
403	5206	No person template found

1.42 GET A SINGLE TEMPLATE BY TEMPLATE NAME

1.42.1 URI REQUEST FORMAT

/Persons/customdatatemplates/{template name}?countryCode={countryCode}

1.42.2 REQUEST PARAMETERS

Field	Required	Comment
Template name	Mandatory	Name of the custom data template
CountryCode	Mandatory	Country Code of Shopper

1.42.3 EXAMPLE REQUEST

GET

<https://retailapi.apparel21.com/RetailAPI/Persons/customdatatemplates/hobby%20and%20interest?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.42.4 EXAMPLE RESPONSE

```
<CustomData xmlns:xsd=http://www.w3.org/2001/XMLSchema xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Template>
    <Name>hobby and interest</Name>
    <ImageUrl/>
    <Fields Type="Array">
      <Field>
        <Label>List of interests</Label>
        <Type>TagList</Type>
        <TagListMultiSelect>False</TagListMultiSelect>
        <IsAdhocList>False</IsAdhocList>
        <Tags Type="Array">
          <Tag>
            <Value>Arts and crafts</Value>
          </Tag>
          <Tag>
            <Value>Cooking</Value>
          </Tag>
          <Tag>
            <Value>Gaming</Value>
          </Tag>
          <Tag>
            <Value>Movie</Value>
          </Tag>
          <Tag>
            <Value>Music</Value>
          </Tag>
          <Tag>
            <Value>Sports</Value>
          </Tag>
        </Tags>
      </Field>
    </Fields>
  </Template>
</CustomData>
```

```

        </Tag>
    </Tags>
</Field>
</Fields>
</Template>
</CustomData>

```

1.42.5 SUCCESS RESPONSE

HTTP Response	
200	

1.42.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
403	5015	No person template available for the warehouse
403	5206	No person template found

13 CARTS

The Shopping Cart is presented to the API to validate the contents and apply latest prices, promotions and freight as defined in Apparel²¹.

When you PUT a shopping cart to the API, the prices are checked and tax and any promotional discounts are calculated. Prices are not checked for products that are Gift Vouchers, the API will accept the price that is passed with the product.

Freight charges are also added as defined in the Apparel²¹ back office setup. The returned Cart information can be used to generate the Order XML payload then call the API to create the actual Order. It is not mandatory to use to Cart function to generate the order payload.

Note: the contents of a cart are not stored by the API or Apparel²¹.

1.43 CART DETAILS

Field	Format	Max Length	Comment	Example	PUT Request	PUT Response	HTTP Header Accept:Version_
Id	Integer	22	Order Id	96854213	Optional	As per request	1.0
OrderNumber	Alpha	30	Unique Order Number	W0000125	Optional	As per request	1.0
PersonId	Integer	22	Unique Person Id	3583	Optional	As per request	1.0
SyncedAt	Date(YYYY-MM-DD)	10	Cart synchronisation date	7/07/2011 12:10:57 PM	Optional	Yes	1.0
TotalQuantity	Number	22	Total quantity of ordered products	125	Optional	Yes	1.0
TotalTax	Num(22,2)	22	Tax value calculated by API based on TaxPercent and CartDetail.Value)	10.95	No	Yes	1.0
TotalDiscount	Num(22,2)	22	Discount value (Calculated by API base on Sum of CartDetail.Discount)	20.16	Optional	Yes	1.0
TotalDue	Num(22,2)	22	Due value (Calculated by API base on Sum of individual product final value + freight value)	2000.25	Optional	Yes	1.0
TotalWeight	Num(22,2)	22	Total weight of goods (Calculated by API base on CartDetail.UnitWeight * CartDetail.Quantity)	1000	Optional	Yes	1.0
TaxAdjustment	Num(22,2)	22	Tax adjustment value. Product prices are initially shown with the tax rate based on the default Pricing Customer set up in Apparel21. If the tax rate for the final customer is different to this an adjustment value will be provided.	25	No	Yes	1.0
Addresses			There are two addresses as part of the Order resource - Billing and Delivery. The following field definitions are common for both. Billing and Delivery are sub-elements of addresses.				
AddressLine1	Alpha	50	Address line 1	Level 2	Optional	As per request	1.0

Field	Format	Max Length	Comment	Example	PUT Request	PUT Response	HTTP Header Accept:Version_
AddressLine2	Alpha	50	Address line 2	21 Cremorne Street	Optional	As per request	1.0
State	Alpha	50	State	VIC	Optional	As per request	1.0
Postcode	Alpha	10	Post code or ZIP code	3121	Optional	As per request	1.0
Country	Alpha	20	Country	Australia	Optional	As per request	1.0
Contacts			Contacts consists of Email and Phone numbers.				
Email	Alpha	250	Email address. This is mandatory as it is used to uniquely identify the person.	john@Apparel21.com	Optional	As per request	1.0
Phones			Phones is a sub element of Contacts				
Home	Alpha	250	Home phone	03 94275120	Optional	As per request	1.0
Mobile	Alpha	250	Mobile Phone	0421 552 654	Optional	As per request	1.0
Work	Alpha	250	Work phone	84159300	Optional	As per request	1.0
CartDetails			Contains a list of CartDetail				
CartDetail			CartDetail is a sub-element of CatDetails				
Id	Integer	22	Number generated by API, position of the CartDetail in the CartDetails list, for reference purpose only	1	Optional	Yes	1.0
Sequence	Integer	22	Number generated by API, position of the orderDetail in the OrderDetails list, for reference purpose only	10	Optional	As per request	1.0
ProductId	Integer	22	Unique Product Id	3641	Optional	Yes	1.0
ColourId	Integer	22	Unique Colour Id	2566	Optional	Yes	1.0
Skuld	Integer	22	Unique SKU Id	1234	Yes	Yes	1.0
ProductCode	Alpha	10	Unique Product Code	W00123	Optional	Yes	1.0
ProductName	Alpha	30	Product Name	Long Sleeve Shirt	Optional	Yes	1.0

Field	Format	Max Length	Comment	Example	PUT Request	PUT Response	HTTP Header Accept:Version_
ColourCode	Alpha	21	Colour Code	BLK	Optional	Yes	1.0
ColourName	Alpha	61	Colour Name	Black	Optional	Yes	1.0
SizeCode	Alpha	7	Size Code	XL	Optional	Yes	1.0
Quantity	Num(22,2)	22	Quantity of product	100	Yes	Yes	1.0
Price	Num(22,2)	22	Price of the CartDetail	210	Optional	Yes	1.0
Discount	Num(22,2)	22	Discount of the CartDetail	50	Optional	Yes	1.0
Value	Num(22,2)	22	Net Value (Price * Quantity)	160.25	Optional	Yes	1.0
UnitWeight	Num(22,2)	22	Unit Weight	50.5	Optional	Yes	1.0
Discounts			Discounts is a sub-element of Cart Detail				
Id	Integer	22	Number generated by API, position of the Discount in the Discounts list, for reference purpose only	123	Optional	As per request	1.0
Parentid	Integer	22	Parent CartDetail Id	1	Optional	As per request	1.0
DiscountType	Alpha	50	API defined Type of Discount Manual Discount, Promotion Discount, Loyalty Discount or unknown	ManualDiscount	Optional	As per request	1.0
DiscountTypeid	Integer	22	API defined Discount Type Id 1 for ManualDiscount, 2 for PromotionDiscount, 3 for LoyaltyDiscount	1	Optional	As per request	1.0
Promold	Integer	22	API defined Promotion Id	1080 (for Buy 2 get 10% off a TIE)	Optional	As per request	1.0
loyaltyId	Integer	22	API defined Loyalty Id	109605 (for Member)	Optional	As per request	1.0
Sequence	Integer	22	Number generated by API, position of the Discount in the Discounts list, for reference purpose only	0	Optional	As per request	1.0
Description	Alpha	50	API generated Description of Discount	Loyalty discount Member	Optional	As per request	1.0

Field	Format	Max Length	Comment	Example	PUT Request	PUT Response	HTTP Header Accept:Version_
Percentage	Num(22,2)	22	Discount percentage in number	20	Optional	As per request	1.0
Value	Num(22,2)	22	Discount Value	10	Optional	As per request	1.0
TaxPercent	Num(22,2)	22	Tax percentage in number (12.5 for 12.5%)	12.5	Optional	As per request	1.0
SelectedFreightOption			Selected Freight Option				
Id	Integer	22	Freight Id (Read from Apparel21 system GIT, provided by Apparel ²¹ Consultant)	123	Optional	As per request	1.0
Name	Alpha	250	Freight Name	Fox Freight Service	Optional	As per request	1.0
Value	Num(22,2)	22	Freight Value	156	Optional	As per request	1.0
FreightOptions			List of Freight Options available				1.0
Id	Integer	22	Freight Id (Read from Apparel ²¹ system GIT)	123	Optional	As per request	1.0
Name	Alpha	250	Freight Name	Fox Freight Service	Optional	As per request	1.0
Value	Num(22,2)	22	Freight Value	156	Optional	As pear request	1.0

1.44 SUBMIT CART

The Cart details are submitted by a **PUT** to the following URI.

1.44.1 URI REQUEST FORMAT

/Carts/{id}?countryCode={countryCode}

1.44.2 REQUEST PARAMETERS

Field	Required	Comment
Id	Mandatory	Your Id for the cart
CountryCode	Mandatory	Country Code of Shopper

1.44.3 EXAMPLE REQUEST

PUT <https://retailapi.apparel21.com/RetailAPI/Carts/1234?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.44.4 REQUEST PAYLOAD

```
<Cart>
  <PersonId>101451</PersonId>
  <CartDetails>
    <CartDetail>
      <Id>829</Id>
      <SkuId>21503</SkuId>
      <Quantity>2</Quantity>
      <Price>69.95</Price>
      <Value>139.90</Value>
    </CartDetail>
  </CartDetails>
</Cart>
```

1.44.5 SUCCESS RESPONSE

HTTP Response		
200		

1.44.6 ERROR RESPONSE

HTTP Error	API Error Code	API Error Text
400	5033	No products in cart
403	5014	Size of field XXXX, 9999 is too long. Maximum length is 9999.

1.44.7 RESPONSE PAYLOAD

```
<Cart>
  <SyncedAt>2012-10-09T12:05:47</SyncedAt>
  <TotalQuantity>2</TotalQuantity>
  <TotalTax>12.72</TotalTax>
  <TotalDiscount>0</TotalDiscount>
  <TotalDue>139.90</TotalDue>
  <TotalWeight>0</TotalWeight>
  <CartDetails Type="Array" TotalRows="1">
```

```

<CartDetail>
  <Id>1</Id>
  <ProductId>8843</ProductId>
  <ColourId>10702</ColourId>
  <SkuId>21503</SkuId>
  <ProductCode>00122</ProductCode>
  <ProductName>Cotton Drill Overall </ProductName>
  <ColourCode>S-331</ColourCode>
  <ColourName>S- Safety Orange</ColourName>
  <SizeCode>57</SizeCode>
  <Quantity>2</Quantity>
  <Price>69.95</Price>
  <Discount>0</Discount>
  <Value>139.90</Value>
  <UnitWeight>0</UnitWeight>
  <TaxPercent>10</TaxPercent>
</CartDetail>
</CartDetails>
<SelectedFreightOption>
  <Id />
  <Name />
  <Value>0</Value>
</SelectedFreightOption>
<FreightOptions>
  <FreightType>
    <Id>161</Id>
    <Name>Express</Name>
    <Value>10</Value>
  </FreightType>
  <FreightType>
    <Id>162</Id>
    <Name>Standard</Name>
    <Value>10</Value>
  </FreightType>
</FreightOptions>
<TaxAdjustment>0</TaxAdjustment>
</Cart>

```

Tax, discounts and freight charges will be applied to the cart based on the configurations in Apparel²¹.

If tax is adjusted based on the customer settings in Apparel²¹, an adjustment to the standard website tax rate will be displayed here.

The cart update should be performed as products are added, deleted and/or quantities modified or if the date changes.

14 ORDERS

To create an order, either use the detail returned from the Cart PUT response, or generate the order detail independently.

The information at the root level of the Order payload contains detail about the customer (person), payment information, freight, and contact details. If Person details, i.e. address are changed when the order is posted, changes will be saved against that order only. The Person master file record is not modified unless the API receives a *PUT* to the person record.

The order detail contains product information to SKU level that the customer has ordered including

- Product Code
- Size (if applicable)
- Colour (if applicable)
- Pricing
- Discounts (if applicable)

When the order is created in Apparel²¹ it is comprised of detail generated from the API and default information from Apparel²¹. Order details can also include orders entered directly into Apparel²¹, not via the website. This could be in store orders, telephone orders, returns and exchanges.

1.44.8 PRODUCT AND FREIGHT PRICING

The pricing shown on the order for products and freight can be generated from

- the cart PUT response
- generated from the website
- a combination of the above

In some instances the website will need to post pricing it has generated, for example freight rates or a special charge that does not have the price setup in Apparel²¹. When these details are added to the *create order* payload, they should show the tax rate that applies to the price that has been sent. For example if the Freight was \$10 and no tax applied the tax percentage should be shown as '0'.

```
<OrderDetail>
.....
  <Quantity>1</Quantity>
  <Price>10</Price>
  <Value>10</Value>
  <TaxPercent>0</TaxPercent>
.....
</OrderDetail>
```