



NEW ZEALAND
CUSTOMS SERVICE
TE MANA ĀRAI O AOTEAROA

PROTECTING NEW ZEALAND'S BORDER

COMMUNICATIONS

WEB SERVICES SPECIFICATIONS

CRAFT NAMES
CUSTOMS RATES OF EXCHANGE
SUPPLIER CODES

Overview

The purpose of this document is to provide step by step instructions on how to use the new Datafeeds services that will be provided on the Customs public website. These will include, [craft names](#), [Customs rates of exchange](#), and [supplier codes](#).

CRAFT NAMES

You will be able to search over the available craft names and retrieve the results in XML format.

The main URL for the craft name service is:

<http://www.customs.govt.nz/news/datafeeds/craft>

This URL will initially return XML containing all the craft names. You can use the following query parameter to perform a filtering search over the craft names.

<http://www.customs.govt.nz/news/datafeeds/craft?name=001>

The craft name results XML is structured as follows:

```
<?xml version="1.0" encoding="utf-8" standalone="yes" ?>
<!-- Date of results -->
<Crafts>
  <CraftName>Craft Name</ CraftName >
</ Crafts >
```

Examples of search URLs and results:

<http://www.customs.govt.nz/news/datafeeds/craft>

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<!--4/08/2011 10:45:56 a.m.-->
- <Crafts>
  <CraftName>00175</CraftName>
  <CraftName>24-4482</CraftName>
  <CraftName>33117</CraftName>
  <CraftName>3DKMJ</CraftName>
```

<http://www.customs.govt.nz/news/datafeeds/craft?name=alla>

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<!--4/08/2011 11:17:08 a.m.-->
- <Crafts>
  <CraftName>BOW WALLABY</CraftName>
  <CraftName>BRITISH MALLARD</CraftName>
  <CraftName>CALLAO EXPRESS</CraftName>
  <CraftName>HMAS BALLARAT</CraftName>
</Crafts>
```

<http://www.customs.govt.nz/news/datafeeds/craft?name=none>

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<!--4/08/2011 11:20:40 a.m.-->
<Crafts/>
```

CUSTOMS RATES OF EXCHANGE

You will be able to view current and historic available exchange rates and retrieve the results in XML format.

The main URL for the exchange rates service is:

<http://www.customs.govt.nz/news/datafeeds/exchange>

This URL will initially return XML containing all the current exchange rates. You can use the following query parameter to return all available historic exchange rates.

<http://www.customs.govt.nz/news/datafeeds/exchange?exch=all>

The historic exchange rate result XML is structured as follows:

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<historicExchangeRateList>
  <historicExchangeRate>
    <countryName>Country Name</countryName>
    <currencyCode>code</currencyCode>
    <date>date</date>
    <rate>rate</rate>
    <currencyName>Currency Name</currencyName>
  </historicExchangeRate>
</historicExchangeRateList>
```

The current exchange rate result XML is structured as follows:

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<exchangeRateList>
  <exchangeRate>
    <countryName>Country Name</countryName>
    <currencyCode>code</currencyCode>
    <date>date</date>
    <rate>rate</rate>
    <currencyName>Currency Name</currencyName>
  </ exchangeRate >
</ exchangeRateList >
```

Examples of search URLs and results:

<http://www.customs.govt.nz/news/datafeeds/exchange>

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
- <exchangeRateList>
  - <exchangeRate>
    <countryName>Australia</countryName>
    <currencyCode>AUD</currencyCode>
    <dateNow>2011-05-01</dateNow>
    <rateNow>0.74</rateNow>
    <dateFuture>2011-05-15</dateFuture>
    <rateFuture>0.74</rateFuture>
    <currencyName>Australian Dollar</currencyName>
  </exchangeRate>
  - <exchangeRate>
    <countryName>Canada</countryName>
    <currencyCode>CAD</currencyCode>
    <dateNow>2011-05-01</dateNow>
    <rateNow>0.74</rateNow>
    <dateFuture>2011-05-15</dateFuture>
    <rateFuture>0.75</rateFuture>
    <currencyName>Canada - Dollar</currencyName>
  </exchangeRate>
```

<http://www.customs.govt.nz/news/datafeeds/exchange?exch=all>

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
- <historicExchangeRateList>
  - <historicExchangeRate>
    <countryName>Austria</countryName>
    <currencyCode>ATS</currencyCode>
    <date>1997-05-05</date>
    <rate>8.26</rate>
    <currencyName>Austria - Shilling</currencyName>
  </historicExchangeRate>
  - <historicExchangeRate>
    <countryName>Austria</countryName>
    <currencyCode>ATS</currencyCode>
    <date>1997-05-19</date>
    <rate>8.21</rate>
    <currencyName>Austria - Shilling</currencyName>
  </historicExchangeRate>
  - <historicExchangeRate>
    <countryName>Austria</countryName>
    <currencyCode>ATS</currencyCode>
    <date>1997-06-16</date>
    <rate>8.16</rate>
    <currencyName>Austria - Shilling</currencyName>
  </historicExchangeRate>
  - <historicExchangeRate>
    <countryName>Austria</countryName>
    <currencyCode>ATS</currencyCode>
    <date>1997-06-30</date>
    <rate>8.23</rate>
    <currencyName>Austria - Shilling</currencyName>
  </historicExchangeRate>
```

SUPPLIER CODES

You will be able to search over the available suppliers and retrieve the results in XML format.

The main URL for the supplier service is:

<http://www.customs.govt.nz/news/datafeeds/supplier>

This will not return anything. You will need to pass in a combination of the following Query parameters to receive a result. **NOTE:** only the top 500 results will be returned.

<http://www.customs.govt.nz/news/datafeeds/supplier?country=NewZealand&code=005&name=LTD>

The Code and Name parameters will match any supplier codes which **contain** the provided values. The Country parameter needs to match the exact country name. For example, a Country parameter of “New” will **not** bring back results for “New Zealand”; whereas, a Name parameter of “NZL” would return results for “NZL01”.

The supplier results XML is structured as follows:

```
<?xml version="1.0" encoding="utf-8" standalone="yes" ?>
<!-- Date of results -->
<Suppliers>
  <Supplier>
    <Name>Supplier Name</Name>
    <Code>supplier code</Code>
    <Country>Country of origin</Country>
  </Supplier>
</Suppliers>
```

Examples of search URLs and results:

<http://www.customs.govt.nz/news/datafeeds/supplier?country=New Zealand&code=005&name=LTD>

```
<?xml version="1.0" encoding="utf-8" standalone="yes" ?>
<!-- 2/08/2011 11:03:24 a.m. -->
- <Suppliers>
- <Supplier>
  <Name>Deltech Ltd</Name>
  <Code>00599464M</Code>
  <Country>New Zealand</Country>
</Supplier>
- <Supplier>
  <Name>Fletcher Steel Ltd</Name>
  <Code>00565750R</Code>
  <Country>New Zealand</Country>
</Supplier>
- <Supplier>
  <Name>Phillips & Smith Ltd</Name>
  <Code>00539777R</Code>
  <Country>New Zealand</Country>
</Supplier>
```

[http://www.customs.govt.nz/news/datafeeds/supplier?country=New \(need full country name\)](http://www.customs.govt.nz/news/datafeeds/supplier?country=New (need full country name))

```
<?xml version="1.0" encoding="utf-8" standalone="yes" ?>
<!-- 2/08/2011 11:08:31 a.m. -->
<Suppliers />
```

<http://www.customs.govt.nz/news/datafeeds/supplier?country=New Zealand&code=777r>

```
<?xml version="1.0" encoding="utf-8" standalone="yes" ?>
<!-- 2/08/2011 11:09:17 a.m. -->
- <Suppliers>
- <Supplier>
  <Name>Phillips & Smith Ltd</Name>
  <Code>00539777R</Code>
  <Country>New Zealand</Country>
</Supplier>
</Suppliers>
```

<http://www.customs.govt.nz/news/datafeeds/supplier?country=New Zealand&name=industries>

```
<?xml version="1.0" encoding="utf-8" standalone="yes" ?>
<!-- 2/08/2011 11:10:50 a.m. -->
- <Suppliers>
- <Supplier>
  <Name>Shanghai Rural Industries Co</Name>
  <Code>90147939Y</Code>
  <Country>New Zealand</Country>
</Supplier>
- <Supplier>
  <Name>Sungking Industries Ltd</Name>
  <Code>90147950Z</Code>
  <Country>New Zealand</Country>
</Supplier>
- <Supplier>
  <Name>Dold Industries - Dold Manufacturing Limited t/a</Name>
  <Code>00848753W</Code>
  <Country>New Zealand</Country>
</Supplier>
```

http://www.customs.govt.nz/news/datafeeds/supplier?name=gold&code=00

```
<?xml version="1.0" encoding="utf-8" standalone="yes" ?>
<!-- 2/08/2011 11:11:58 a.m. -->
- <Suppliers>
- <Supplier>
  <Name>TGM'S Goldmine Inc</Name>
  <Code>90036189M</Code>
  <Country>United States of America</Country>
</Supplier>
- <Supplier>
  <Name>Golden Pet Products Ltd</Name>
  <Code>00981053V</Code>
  <Country>Taiwan</Country>
</Supplier>
- <Supplier>
  <Name>GOLDEN HARVEST SPECIALTY SEEDS</Name>
  <Code>00577908N</Code>
  <Country>Australia</Country>
</Supplier>
```
