**STANDARD XML INTERFACE v. 1.1**

XML schema used by clients who wish to perform one of the following tasks:

* Book a job with Direct Couriers
* Update a job already booked
* Delete a booked job that has not been allocated
* Request a Quote
* Get status information of jobs

**Documents attached**

* job.xsd - xml job schema request
* job\_message.xsd - returned message schema
* job\_booking.xml - job booking job example
* job\_quote.xml - job quote example
* job\_message\_examples.xml - samples of various messages you will receive
* status\_request\_example.xml - status request example
* status\_request\_invalid\_job.xml - generates invalid job status request reply using invalid job number

**Testing your interface**

To test your xml job you will need to https post the xml job file to Direct Couriers.

You can manually do this by entering [https://www.directcouriers.com.au/online/getxmljob.cl](http://www.directcouriers.com.au/online/getxmljob.cl) on your web browser, select the xml file and press “submit”.

You can also do this by using the Linux command “curl”. E.g. (job.xml is the file name) curl

-F "jobxml=@job.xml" [https://www.directcouriers.com.au/online/getxmljob.cl](http://www.directcouriers.com.au/online_ninoq/getxmljob.cl)

You will then receive a URL response that you can paste into a browser window to check the result.

You can also send xml jobs by emailing the file to [xml@directcouriers.com.au](mailto:xml@directcouriers.com.au)

The following are testing accounts for booking test jobs in the various branches:

Sydney job account: **9999**

Melbourne job account: **M9999**

Brisbane job account: **B9999**

Perth job account: **P9999**

Adelaide job account: **A9999**

Auckland job account: **K9999**

All jobs booked on the above accounts will be processed by the auto-completion system where, in a timely manner, they will be allocated to a vehicle (No. 1) and then progressively actioned for pickup and delivery. This will allow you to interrogate the status of the job as it progresses through its phases, make changes to jobs etc. The test job monitor program runs at 15 and 45 minutes past the hour every day of the week. No time restrictions apply to testing.

**For example:**

1. A test job is booked at 11:25am
2. At 11:45am the monitor program will notice the test job and since it has not been despatched will allocate it to car 1.
3. At 12:15pm the monitor program marks the job as picked up.
4. At 12:45pm it will mark it as delivered.

Status messages will be delivered to whoever has been specified on the job xml.

Test jobs will be automatically cancelled by the system on close of business day.

**Notes on job.xsd file (see attachment)**

* When <notification> value is “RECEIVER” an email and/or sms with job details will be sent to the person receiving the delivery as soon as the job is picked up informing him/her that the goods are on the way to them. The details are sent as an html email rather than an XML file as the capabilities of the receiver are totally unknown. Multiple notification records are allowed.
* When <notification> value is "NEARBY" and email/sms is sent when the driver is approximately 5 or 6 kilometres away (or less).
* <notify\_target> can have an email address or an SMS number as its value.
* <notify\_format> if not used default is xml format milestone. Specify “html” to have the milestone send as HTML formatted document.
* <job\_id> is the Direct Couriers unique job identifier that is used when a request for STATUS, UPDATE or DELETE is sent. Note that once a job has been allocated to a driver the DELETE will fail to delete the job.
* A <job\_leg> tag encloses all the details required to be performed at a particular address. A booking request must have at least two (2) job legs, a pickup leg and delivery leg.

The file “job.xml” contains a sample of what a job booking xml file looks like.

**Notes on job\_message.xsd file (see attachment)**

* These are xml files delivered to the client in response to a request or as an automated procedure configured as background tasks in the Direct Couriers System.
* The tag <job\_xref> values are sent with every message. The values held here should be used by the client to identify the job within their system in an efficient manner. E.g. the <order\_number> tag can be used to send Direct Couriers the unique identifier of the client’s request.
* Depending on the <msg\_type> tag appropriate group data is sent, e.g if the <msg\_type> value is “BOOKING” then the tag <booking> with the enclosed values are sent.
* These messages can also be configured to be sent via FTP or EMAIL for every job booked on the relevant account without having to specify a <notification> record in the job. These records are created by Direct Couriers staff for clients that require this facility.