



**Tracking XML API
Implementation Guide
Version 1.00**

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Section 1 - Narrative

The tracking API is a means by which a client can reference the www.yrcfreight.com tracking application from within an application program. The client will query the tracking API to receive basic tracking information for a given shipment.

The API will support tracking by freight bill number or reference number. In return the customer will receive basic tracking information along with the most current status for the given shipment(s). When tracking by freight bill, the users may request up to 200 freight bill numbers. When requested to track by reference number, a user may track up to 10 reference numbers at a time.

The API will utilize the same tracking application found on www.yrcfreight.com .

If a valid request is received, the YRC Freight host server will reply with an XML document containing tracking information including Freight Bill Number, Reference Number and Type if originally provided, Pickup Date, Delivery Date (or projected delivery date if the bill has not yet been delivered), Origin City, State and Zip information, Destination City, State and Zip information and current shipment status.

If version=1.2 is included in the request, Delivery Time will be included.

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Section 2 - Input Parameters

The following parameters must be included in posting to the YRC Tracking XML API found at:

<http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController> .

Required Fields are highlighted.

Track By Freight Bill Number	
Field Name	Description
PRONumber	YRC's unique identifier of shipment is often referred to as Pro Number. Format is 999-999999-A. Where the first nine digits are the base number and the tenth digit is a check digit. Note: Hyphens and check digit are optional. Minimum required is 999999999. When requesting multiple shipments, place a comma in between each freight bill number. 999999999,88888888
xml	Y
version	1.2 Will include delivered time in response.

Track By a Single Reference Number	
Field Name	Description
pro0	This number can be any format alphanumeric.
type	Valid values are: PO for Purchase Order BL for Bill of Lading number LO for Load Number If no value is passed, BL is assumed.
ozip0	Origin Zip code for first shipment. 5 numeric digits for US shipments OR 6 alphanumeric for Canada shipments.
dzip0	Destination Zip code for first shipment. 5 numeric digits for US shipments OR 6 alphanumeric for Canada shipments.

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Track By a Single Reference Number	
Field Name	Description
xml	Y (Enter a value of Y will return XML response otherwise response will be in HTML)
version	1.2 (Will include delivered time in response)

Track By a Multiple Reference Number	
Field Name	Description
xml	Default value to "Y". (Entering a value of Y will return XML response otherwise response will be in HTML)
type	Valid values are: PO for Purchase Order BL for Bill of Lading number LO for Load Number
pro0	Reference number for first shipment. This number can be any format alphanumeric.
ozip0	Origin Zip code for first shipment. 5 numeric digits for US shipments OR 6 alphanumeric for Canada shipments.
dzip0	Destination Zip code for first shipment. 5 numeric digits for US shipments OR 6 alphanumeric for Canada shipments.
pro1	Reference number for second shipment.
ozip1	Origin Zip code for second shipment.
dzip1	Destination Zip code for second shipment
version	1.2 (Will include delivered time in response)
Repeat this pattern with pro2, ozip2 and dzip2 through pro9, ozip9 and dzip9. A total of 10 shipments can be tracked by reference number in one request.	

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Section 3 - Output Parameters

Element Name	Description	Example
returnCode	<p>This element will indicate a success or failure for the given request with integer return code.</p> <p>00 is success 10 The number you requested was not found 15 Zip Codes Required.</p>	<returnCode>0015</returnCode>
returnMessage	<p>Message corresponding to given status code.</p>	<returnMessage>SUCCESS</returnMessage>
freightBillNumber	<p>10 digit number which represents a unique YRC shipment.</p>	<freightBillNumber>9007413277</freightBillNumber>
referenceNumber	<p>This value represents the customer's reference number.</p> <p>This value will be populated only if the original request was to search by customer reference number.</p>	<referenceNumber>325</referenceNumber>
originCity	<p>The city in which the shipment</p>	<originCity>FONTANA</originCity>

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	originated.	
originState	The state in which the shipment originated.	<originState>CA</originState>
originZip	The zip code in which the shipment originated.	<originZip>92335</originZip>
destinationCity	The city in which the shipment is destined for.	<destinationCity>ORLANDO</destinationCity>
destinationState	The state in which the shipment is destined for.	<destinationState>FL</destinationState>
destinationZip	The zip code in which the shipment is destined for.	<destinationZip>32809</destinationZip>
pickupDate	The date the shipment was picked up.	<pickupDate>12/12/2008</pickupDate>
deliveredDate	The date in which the shipment is scheduled to be delivered or the date it was actually delivered if the shipment has already delivered.	<deliveredDate>12/17/2008</deliveredDate>
deliveredTime (if version=1.2 requested)	The time that the shipment was delivered	<deliveredTime>10:34</deliveredTime>
tenderCode	Describes an additional action that was assigned to the	<tenderCode xsi:type="xsd:string">APPOINTMENT REQUIRED.03/02/2007 07:00 - 10:00</tenderCode>

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	shipment	
currentStatusCode	A code representing the type of status we are providing.	<currentStatusCode>DELIVERED</currentStatusCode>
currentStatusDate	The date stamp this particular status was applied to the shipment.	<currentStatusDate>12/17/2008</currentStatusDate>
currentStatusMessage	Text description representing the current status the shipment.	<currentStatusMessage>DELIVERY DATE: 12/17/2008</currentStatusMessage>

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Notes:

Possible values return in status code and status message columns.

<u>StatusCode</u>	<u>Status Message</u>	<u>Comments</u>
Delivered	Delivered	Final delivery to consignee Shipment was spotted in consignee's yard
SPOT	Spotted at Consignee	Shipment is on the road for delivery
OFD	Out for Delivery	Shipment loaded on trailer for delivery
LDD	Loaded for Delivery	Shipment enroute to next destination
ENR	Trailer or Container 1234 is enroute to city, state	Shipment is loading at this terminal location
LDG	Trailer or Container 1234 is loading at city, state	Shipment's trailer was closed at this terminal location and is ready to move to next destination
CLS	Trailer or Container 1234 was closed at city, state	Shipment is on-hand at this terminal location
ONH	Now on Trailer or Container 1234 and on-hand at city, state	Shipment is on-hand at the final destination terminal.
OHD	Now on Trailer or Container 1234 and on-hand at city, state	Shipment is unloaded and on hand at this terminal location
UNL	Trailer or Container 1234 unloading at city, state	Interline - The entire trailer has been given to another carrier.
OFL	Trailer or Container to carrier at city, state	Internal code marking Shipment is destined to Mexico
Tendered ICMX	Tendered ICMX mm/dd/yy	
Tendered MXEX	TNDR: MXEX mm/dd/yy by city state country DELAY	Shipment delayed at the U.S. / Mexico border
FBO	Now at city state country	Shipment is picked up and at this terminal location.

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Picked Up	Picked Up from city state	The shipment has been picked up.
Unloaded	Unloaded at city state	The shipment has been unloaded at the given location
Loaded	Loaded to trailer number at city state	This shipment has been loaded onto a trailer.

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Section 4 - XML Examples

This section documents an example XML response.

Track By Freight Bill Number Request

[http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&PRONumber=\[pro_number\]&xml=Y](http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&PRONumber=[pro_number]&xml=Y)

[http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&PRONumber=\[pro_number\]&xml=Y&version=1.2](http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&PRONumber=[pro_number]&xml=Y&version=1.2)

Track by Freight Bill Number for Multiple Pros Request

[http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&xml=Y&PRONumber=\[pro_number\],\[pro_number\],\[pro_number\]](http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&xml=Y&PRONumber=[pro_number],[pro_number],[pro_number])

[http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&xml=Y&PRONumber=\[pro_number\],\[pro_number\],\[pro_number\]&version=1.2](http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&xml=Y&PRONumber=[pro_number],[pro_number],[pro_number]&version=1.2)

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Track By ONE Reference Number Request

Request: Track by BOL

<http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&xml=Y&pro0=nnnn&ozip0=92335&dzip0=32809&type=BL&xml=Y>

<http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&xml=Y&pro0=nnnn&ozip0=92335&dzip0=32809&type=BL&xml=Y&version=1.2>

Request: Track by PO

<http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&xml=Y&pro0=nnnn&ozip0=92335&dzip0=32809&type=PO&xml=Y>

<http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&xml=Y&pro0=nnnn&ozip0=92335&dzip0=32809&type=PO&xml=Y&version=1.2>

Request: Track by LO

<http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&xml=Y&pro0=nnnn&ozip0=18466&dzip0=36201&type=LO&xml=Y>

<http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryApiController&xml=Y&pro0=nnnn&ozip0=18466&dzip0=36201&type=LO&xml=Y&version=1.2>

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Track By *Multiple* Reference Number Request

<http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController&xml=Y&type=BL&pro0=nnnn&ozip0=nnnnn&dzip0=nnnnn&pro1=nnnnn&ozip1=nnnnn&dzip1=nnnnn&xml=Y>

<http://my.yrc.com/myyrc-api/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController&xml=Y&type=BL&pro0=nnnn&ozip0=nnnnn&dzip0=nnnnn&pro1=nnnnn&ozip1=nnnnn&dzip1=nnnnn&xml=Y&version=1.2>