

Razorgator Fullfilment API v1.0

Introdution

This document describes the web services available to confirm and fulfill orders or reject them. All web service methods described below require an API security token.

To get your API security token, follow these steps:

1. Log in to Pearl @ <https://pearl.razorgator.com/>
2. Change the address to: <https://pearl.razorgator.com/AboutApi.aspx>
3. Copy your token into a safe place, then hit the back button to go back to Pearl's home page.

API Web Service Methods

GetOrders

URL: <https://pearl.razorgator.com/WebServiceV1.asmx/GetOrders>

HTTP Method: GET

Response Format: XML

The GetOrders method returns pending orders in your account.

Input Parameters

Name	Type	Occurrence	Description
apiToken	String	Required	Your API security token
status	OrderStatus	Optional	Must be one of UNCONFIRMED or PENDING_SHIPMENT. Defaults to UNCONFIRMED.

Output Parameters

This method returns an array of Order objects. Each Order object has the following properties:

Name	Type	Occurrence	Description
orderId	Integer	Always	The order id of the order.
orderToken	String	Always	The unique token associated with the order.
brokerTicketId	String	Conditional	POS ticket id provided in your uploaded file.
section	String	Always	The
row	String	Always	The row of the ticket.
notes	String	Conditional	The notes associated with the ticket, if there are any.
quantity	Integer	Always	The quantity of tickets ordered.
cost	Double	Always	The unit cost of the tickets.
event	String	Always	The event name of the order.
venue	String	Always	The venue name, city and state of the order.

eventDate	String	Always	The event date of the order in yyyy-MM-dd HH:mm:ss format.
electronicDelivery	Boolean	Always	True if this order requires electronic delivery.
mercuryOrderId	Integer	Conditional	For mercury brokers only, the associated mercury order id.
purchaseOrderId	Integer	Conditional	The purchase order id associated with the order.

Example Call:

<https://pearl.razorgator.com/WebServiceV1.asmx/GetOrders?apiToken=mytoken&status=UNCONFIRMED>

Example Output:

```
<orders>
<order>
<brokerTicketId>123458</brokerTicketId>
<cost>80.00</cost>
<event>Los Angeles Clippers vs. Miami Heat</event>
<orderId>1999752</orderId>
<orderToken> 1231AiiWZkQ+iLL9/NQFNFz4ld3=</orderToken>
<quantity>2</quantity>
<row>7</row>
<section>201</section>
<status>UNCONFIRMED</status>
<venue>Staples Center – Los Angeles, CA</venue>
</order>
<order>
<brokerTicketId>123459</brokerTicketId>
<cost>120.00</cost>
<event>Los Angeles Clippers vs. Miami Heat</event>
<orderId>1999753</orderId>
<orderToken>84G1AiiWZkQ+iLL9/NQFNFzesF8=</orderToken>
<quantity>1</quantity>
<row>2</row>
<section>141</section>
<status>UNCONFIRMED</status>
<venue>Staples Center – Los Angeles, CA</venue>
</order>
</orders>
```

GetCompletedOrders

URL: <https://pearl.razorgator.com/WebServiceV1.asmx/GetCompletedOrders>

HTTP Method: GET

Response Format: XML

The GetCompletedOrders method returns completed orders in your account, with recent orders first.

Input Parameters

Name	Type	Occurrence	Description
apiToken	String	Required	Your API security token
startDate	String	Optional	Order date from filter. Must in yyyy-MM-dd format.
endDate	String	Optional	Order date to filter. Must in yyyy-MM-dd format.

Output Parameters

This method returns an array of Order objects. Each Order object has the following properties:

Name	Type	Occurrence	Description
orderId	Integer	Always	The order id of the order.
orderToken	String	Always	The unique token associated with the order.
brokerTicketId	String	Conditional	POS ticket id provided in your uploaded file.
section	String	Always	The
row	String	Always	The row of the ticket.
notes	String	Conditional	The notes associated with the ticket, if there are any.
quantity	Integer	Always	The quantity of tickets ordered.
cost	Double	Always	The unit cost of the tickets.
event	String	Always	The event name of the order.
venue	String	Always	The venue name, city and state of the order.
eventDate	String	Always	The event date of the order in yyyy-MM-dd HH:mm:ss format.
electronicDelivery	Boolean	Always	True if this order requires electronic delivery.
mercuryOrderId	Integer	Conditional	For mercury brokers only, the associated mercury order id.
purchaseOrderId	Integer	Conditional	The purchase order id associated with the order.

Example Call:

<https://pearl.razorgator.com/WebServiceV1.asmx/GetCompletedOrders?apiToken=mytoken&startDate=2011-10-10&endDate=2013-06-06>

Example Output:

```
<orders>
<order>
<brokerTicketId>123458</brokerTicketId>
<cost>80.00</cost>
<event>Los Angeles Clippers vs. Miami Heat</event>
<orderId>1999752</orderId>
<orderToken> 1231AiiWZkQ+iIL9/NQFNFz4ld3=</orderToken>
<quantity>2</quantity>
<row>7</row>
```

```

<section>201</section>
<status>UNCONFIRMED</status>
<venue>Staples Center – Los Angeles, CA</venue>
</order>
<order>
<brokerTicketId>123459</brokerTicketId>
<cost>120.00</cost>
<event>Los Angeles Clippers vs. Miami Heat</event>
<orderId>1999753</orderId>
<orderToken>84G1AiiWZkQ+iL9/NQFNFzesF8=</orderToken>
<quantity>1</quantity>
<row>2</row>
<section>141</section>
<status>UNCONFIRMED</status>
<venue>Staples Center – Los Angeles, CA</venue>
</order>
</orders>

```

GetOrder

URL: <https://pearl.razorgator.com/WebServiceV1.asmx/GetOrder>

HTTP Method: GET

Response Format: XML

The GetOrder method returns a single order linked to your account.

Input Parameters

Name	Type	Occurrence	Description
apiToken	String	Required	Your API security token
orderId	Int	Required	The orderId of the order you are requesting.

Output Parameters

This method returns a single Order object with the following properties:

Name	Type	Occurrence	Description
orderId	Integer	Always	The order id of the order.
orderToken	String	Always	The unique token associated with the order.
brokerTicketId	String	Conditional	POS ticket id provided in your uploaded file.
section	String	Always	The
row	String	Always	The row of the ticket.
notes	String	Conditional	The notes associated with the ticket, if there are any.
quantity	Integer	Always	The quantity of tickets ordered.
cost	Double	Always	The unit cost of the tickets.
event	String	Always	The event name of the order.
venue	String	Always	The venue name, city and state of the order.

eventDate	String	Always	The event date of the order in yyyy-MM-dd HH:mm:ss format.
electronicDelivery	Boolean	Always	True if this order requires electronic delivery.
mercuryOrderId	Integer	Conditional	For mercury brokers only, the associated mercury order id.
purchaseOrderId	Integer	Conditional	The purchase order id associated with the order.

Example Call:

<https://pearl.razorgator.com/WebServiceV1.asmx/GetOrder?apiToken=mytoken&orderId=123458>

Example Output:

```
<order>
<brokerTicketId>123458</brokerTicketId>
<cost>80.00</cost>
<event>Los Angeles Clippers vs. Miami Heat</event>
<orderId>1999752</orderId>
<orderToken> 1231AiiWZkQ+iLL9/NQFNFz4ld3=</orderToken>
<quantity>2</quantity>
<row>7</row>
<section>201</section>
<status>UNCONFIRMED</status>
<venue>Staples Center – Los Angeles, CA</venue>
</order>
```

ConfirmOrder

URL: <https://pearl.razorgator.com/WebServiceV1.asmx/ConfirmOrder>

HTTP Method: POST

Response Format: XML

This method confirms an order and generates the purchase order. If the shipping method is through FedEx then a shipping label (airbill) will also be generated.

Input Parameters

Name	Type	Occurrence	Description
apiToken	String	Required	Your API security token
orderId	Integer	Required	The orderId of the order you are confirming.
orderToken	String	Required	The unique order token associated with the order.
seatNumbers	String	Required	The seat numbers associated with the ticket(s) being confirmed. These can be provided comma separated (example: "12,13,14" for sequential or "13,15,17" for odd seat numbers), or they can be provided as a range using a dash (example: "3-7" for 5 seats from seat 3 to seat 7).

shipNow	Boolean	Required	A Boolean value indicating whether the order is ready to ship.
estimatedShipDate	String (yyyy-MM-dd format)	Conditional	Required when shipNow is false.
ticketFile	String	Optional	Base64 representation of the PDF files containing the tickets. If shipNow is true, this field allows you to upload electronic ticket files with this order. If shipNow is true and this parameter isn't passed an airbill will automatically be generated. Concatenate multiple files with a semicolon character (;)

Output Parameters

This method returns a ConfirmResponse object with the following properties:

Name	Type	Occurrence	Description
success	Boolean	Always	Whether or not the order was confirmed.
message	String	Always	A message associated with the response.
trackingNumber	String	Conditional	If an airbill was generated, the tracking number will be provided.
purchaseOrderId	Integer	Conditional	The purchase order id. This will be always be present when success is true.

Example Output:

```
<confirmResponse>
<success>true</success>
<message>Success.</message>
<trackingNumber>789644323444</trackingNumber>
<purchaseOrderId>12345</ purchaseOrderId >
</confirmResponse>
```

ShipOrder

URL: <https://pearl.razorgator.com/WebServiceV1.asmx/ShipOrder>

HTTP Method: POST

Response Format: XML

Call this method when you are ready to ship a confirmed order. If the shipping method is through FedEx then a shipping label (airbill) is generated.

Input Parameters

Name	Type	Occurrence	Description
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apiToken	String	Required	Your API security token.
orderId	Integer	Required	The order id.
orderToken	String	Required	The unique order token associated with the order.
purchaseOrderId	Integer	Required	The purchase order id.
ticketFile	String	Optional	Base64 representation of the PDF files containing the tickets. If shipNow is true, this field allows you to upload electronic ticket files with this order. Concatenate multiple files with a semicolon character (;)

Output Parameters

This method returns an AirbillResponse object with the following properties:

Name	Type	Occurrence	Description
success	Boolean	Always	Whether or not the order was confirmed.
message	String	Always	A message associated with the response.
trackingNumber	String	Conditional	If a shipping label (airbill) was generated, the tracking number will be provided.
airbillBase64String	String	Conditional	If a shipping label (airbill) was generated, this field contains the label PDF file as a Base64 encoded string.

Example Output:

```
<airbillResponse>
<success>true</success>
<message>Success.</message>
<trackingNumber>789644323444</trackingNumber>
<airbillBase64String>[a long Base64 string]</airbillBase64String>
</airbillResponse>
```

RejectOrder

URL: <https://pearl.razorgator.com/WebServiceV1.asmx/RejectOrder>

HTTP Method: POST

Response Format: XML

Call this method to reject a pending order.

Input Parameters

Name	Type	Occurrence	Description
apiToken	String	Required	Your API security token.
orderId	Integer	Required	The order id.
orderToken	String	Required	The unique order token associated with the order.

Output Parameters

This method returns a Response object with the following properties:

Name	Type	Occurrence	Description
success	Boolean	Always	Whether or not the order was rejected successfully.
message	String	Always	A message associated with the response.

Example Output:

```
<response>
<success>true</success>
<message>Success.</message>
</response>
```

GetAirbill

URL: <https://pearl.razorgator.com/WebServiceV1.asmx/GetAirbill>

HTTP Method: GET

Response Format: XML

Call this method to download the shipping label (airbill) of a shipped order.

Input Parameters

Name	Type	Occurrence	Description
apiToken	String	Required	Your API security token.
orderId	Integer	Required	The order id.
orderToken	String	Required	The unique order token associated with the order.
purchaseOrderId	Integer	Required	The purchase order id.

Output Parameters

This method returns a AirbillResponse object whose properties are described below:

Name	Type	Occurrence	Description
success	Boolean	Always	Whether or not the order was confirmed.
message	String	Always	A message associated with the response.
trackingNumber	String	Conditional	If a shipping label (airbill) was generated, the tracking number will be provided.
airbillBase64String	String	Conditional	If a shipping label (airbill) was generated, this field contains the label PDF file as a Base64 encoded string.

Example Output:


```
<airbillResponse>
<success>true</success>
<message>Success.</message>
<trackingNumber>789644323444</trackingNumber>
<airbillBase64String>[a long Base64 string]</airbillBase64String>
</airbillResponse>
```

DownloadAirbill

URL: <https://pearl.razorgator.com/WebServiceV1.asmx/DownloadAirbill>

HTTP Method: GET

Response Format: XML

Call this method to download the shipping label (airbill) of a shipped order.

Input Parameters

Name	Type	Occurrence	Description
apiToken	String	Required	Your API security token.
orderId	Integer	Required	The order id.
orderToken	String	Required	The unique order token associated with the order.
purchaseOrderId	Integer	Required	The purchase order id.

Output Parameters

The PDF file containing the FedEx label.

GetPurchaseOrder

URL: <https://pearl.razorgator.com/WebServiceV1.asmx/GetPurchaseOrder>

HTTP Method: GET

Response Format: XML

Call this method to download the purchase order of a confirmed order.

Input Parameters

Name	Type	Occurrence	Description
apiToken	String	Required	Your API security token.
orderId	Integer	Required	The order id.
orderToken	String	Required	The unique order token associated with the order.
purchaseOrderId	Integer	Required	The purchase order id.

Output Parameters

This method returns a PurchaseOrderResponse object with the following:

Name	Type	Occurrence	Description
success	Boolean	Always	Whether or not the order was confirmed.
message	String	Always	A message associated with the response.
purchaseOrderId	Integer	Success	Conditional
poBase64String	String	Success	Conditional

Example Output:

```
<purchaseOrderResponse>
<success>true</success>
<message>Success.</message>
<purchaseOrderId>123456</purchaseOrderId>
<poBase64String>[a long Base64 string]</purchaseOrderBase64String>
</purchaseOrderResponse>
```

DownloadPurchaseOrder

URL: <https://pearl.razorgator.com/WebServiceV1.asmx/DownloadPurchaseOrder>

HTTP Method: GET

Response Format: PDF

Call this method to download the purchase order PDF file of a confirmed order.

Input Parameters

Name	Type	Occurrence	Description
apiToken	String	Required	Your API security token.
orderId	Integer	Required	The order id.
orderToken	String	Required	The unique order token associated with the order.
purchaseOrderId	Integer	Required	The purchase order id.

Output Parameters

The PDF file containing the purchase order.