

# 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  | Always     | The ticket id as provided in your upload file. |
| section        | String  | Always     | The  |
| row            | String  | Always     | The row of the ticket.                         |
| notes          | String  | Always     | The notes associated with the ticket.          |
| 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 | Always      | 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  | Always      | The ticket id as provided in your upload file.             |
| section            | String  | Always      | The  |
| row                | String  | Always      | The row of the ticket.                                     |
| notes              | String  | Always      | The notes associated with the ticket.                      |
| 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 | Always      | 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>84G1AiWZkQ+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  | Always     | The ticket id as provided in your upload file. |
| section        | String  | Always     | The  |
| row            | String  | Always     | The row of the ticket.                         |
| notes          | String  | Always     | The notes associated with the ticket.          |
| 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 | Always      | 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 |
|------|------|------------|-------------|
|------|------|------------|-------------|

|                 |         |          |   |
|-----------------|---------|----------|---|
| 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.