

# HDR Distribution: API

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Note: REST API is compatible, and can be accessed using many different programming languages. Please find HDRO's API instruction note.

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## **\*\*Connection information**

### **First request:**

URL: [http://www.hdrdistribution.org/hdr\\_orders/user/login](http://www.hdrdistribution.org/hdr_orders/user/login)

Content Type: application/x-www-form-urlencoded

Headers : none

Parameters :

    Name : username

    Value : //your username

    Name : password

    Value://your password

Content to send: Body from parameters (username=username&password=password)

Action: POST

### **Second request:**

URL: [http://www.hdrdistribution.org/hdr\\_orders/order.xml](http://www.hdrdistribution.org/hdr_orders/order.xml)

Action: GET

//everything else as is

### **Useful API calls:**

- All orders that are ready for processing:
  - XML: [http://www.hdrdistribution.org/hdr\\_orders/order&status=processing](http://www.hdrdistribution.org/hdr_orders/order&status=processing)
  - JSON: [http://www.hdrdistribution.org/hdr\\_orders/order.json&status=processing](http://www.hdrdistribution.org/hdr_orders/order.json&status=processing)
- All orders that are still pending:
  - XML: [http://www.hdrdistribution.org/hdr\\_orders/order&status=pending](http://www.hdrdistribution.org/hdr_orders/order&status=pending)
  - JSON: [http://www.hdrdistribution.org/hdr\\_orders/order.json&status=pending](http://www.hdrdistribution.org/hdr_orders/order.json&status=pending)

### **Workflow information:**

As will be specified in the field descriptions below, when the user completes an order, the status will be set as "pending". HDRO will manually check the order and set it to processing for the printer. **The printer should only fulfill orders that are set to "processing"**. Orders that are fulfilled should be set to "complete", either manually by HDRO or through the API.

**Field descriptions:**

The fields contained in these views are as follows:

- Commerce Order: Order ID
- Commerce Order: Created date
- Commerce Order: Billing information
- Commerce Order: Shipping information
- Commerce Order: E-mail
- Commerce Order: Line items
- Commerce Order: Order total
- Commerce Order: Status

**Commerce Order Status values:**

- Canceled - order is cancelled by user or HDRO
- Shopping cart - order is in cart
- Checkout: Checkout - order started through the checkout workflow
- Checkout: Shipping - order is at shipping information page
- Checkout: Review - order is being reviewed by user
- Checkout: Payment - payment is being entered by user
- Checkout: Confirm order - order is being confirmed by user
- Checkout: Complete - order is completed by user
- Pending - order received by HDRO for confirmation
- Processing - order ready for shipment
- Complete - order shipped