

The **Robotics API integration tool** is a command-line tool to assist in interacting with the iOrthotics portal API by acting as a middleman. Its usage is defined through the following command-line syntax:

```
roboapi.exe <action> <parameters...>
```

Get Order Data (get-order)

Gets the information about an order and its foot orthotic script data as a CSV export. Any null order properties will be exported as the string "NULL" in capitals. The command line arguments are as follows.

Example Command-Line Usage

```
roboapi.exe get-order -s staging -k 1LpGQMtIo3oHy6D174fmj40p -o 131534 -f "order_export.csv"
```

Parameters

`-s | --server`

Description: Specifies which iOrthotics server to connect to.

Required: Yes

Values: "staging", "aus" or "usa"

`-k | --key (required)`

Description: Specifies the API key to authenticate the request.

Required: Yes

Type: 24-character API key string (as provided)

`--order-number (use only if order-id is not specified)`

Description: Specifies the order number (different to order ID). The order number is visible to users whereas the order ID is used by the system in the database table.

Required: If `--order-id` is not specified.

Type: integer

`-o | --order-id (required, or specify --order-number)`

Description: Specifies the order ID to fetch information for.

Required: If `--order-number` is not specified.

Type: integer

`-f | --output-file (optional)`

Description: Specifies the path to export the CSV data to.

Required: no

Value: valid file-path string (for saving)

`-q | --quiet (optional)`

Description: Suppresses the CSV data from being printed to the standard output. Use this with the `--output-file` option.

Example Output (CSV format)

The output is in CSV format with CRLF line breaks. Cells that contain commas or double-quotes are escaped as "" and the entire string is wrapped in double quotes. For example, a cell value of **Hello, "goodbye" world!** would be escaped as **"Hello, ""goodbye"" world!"**. The first row contains the header names.

Property,Value
OrderNumber,131534
OrderType,Foot_orthotic
OrderDate,2019-12-05 07:10:05
OrderTypeVariant,NULL
Material,EVA
Status,Processing
ClinicID,861
PodiatristID,952
PatientID,347522
EVADensity,Medium
Tags,xml-imported
FootOrthotic.id,126532
FootOrthotic.type,14
FootOrthotic.template,11
FootOrthotic.podiatrist_id,952
FootOrthotic.clinic_id,861
FootOrthotic.patient_id,347522
FootOrthotic.order_number,131534
FootOrthotic.orderDate,2019-12-05 07:10:05
FootOrthotic.symmetrical_feet,Yes
FootOrthotic.delivery,Standard
FootOrthotic.shell.type,EVA
FootOrthotic.shell.length,Full Length
FootOrthotic.shell.density,Medium
FootOrthotic.shell.thicknessBoth.left,2
FootOrthotic.shell.thicknessBoth.right,2
FootOrthotic.shell.foamUpload.left,TRI_Neville_Brown_030027_000555_PC_L.stl
FootOrthotic.shell.foamUpload.right,TRI_Neville_Brown_030027_000555_PC_R.stl
FootOrthotic.shell_type,EVA
...