

## Easy data import into IRIS

Article

[Oleh Dontsov](#) · Jun 4, 2020



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## Easy data import into IRIS

Sometimes you need quickly and easily import data into IRIS. For this, an IRIS import manager has been developed.

This application allows you to import JSON data and also provides a really simple interface for transferring data from MongoDB collections to IRIS globals. It has never been so easy.

Let's look at examples.

### Import JSON

Suppose we have data in JSON format and we want to import it into IRIS. To do this, you just need to specify the global name and insert the data. After import, you will see the imported data. If global exists data will be overwritten.

The screenshot shows the IRIS import manager interface. On the left, there is a sidebar with three options: 'IRIS import manager', 'Import from MongoDB', and 'Import from custom JSON'. The main area is titled 'JSON import' and contains a form with the following fields:

- Global name:** A text input field containing 'DemoGlobal'.
- JSON body:** A large text area containing a JSON object: 

```
{  "address": {    "building": "1007",    "coord": [      -73.856077,      40.848447    ],    "street": "Morris Park Ave",    "zipcode": "10462"  },  "name": "Morris Park Bake Shop",  "restaurant_id": "30075445"}
```
- Import to IRIS:** A blue button at the bottom of the form.

At the top of the main area, there is a blue notification bar that says 'Imported successfully'. To the right of the form, there is a table titled 'IRIS imported data' with the following content:

Path	Value
^DemoGlobal(address, building)	1007
^DemoGlobal(address, coord, 0)	-73.856077
^DemoGlobal(address, coord, 1)	40.848447
^DemoGlobal(address, street)	Morris Park Ave
^DemoGlobal(address, zipcode)	10462
^DemoGlobal(name)	Morris Park Bake Shop
^DemoGlobal(restaurant_id)	30075445

### Import MongoDB collections

There is a collection navigation on the main page.

IRIS import manager

Import from MongoDB

Import from custom JSON

## Select MongoDB collection

restaurants

Open

Just open the collection and you will see information about it and import control buttons that allow you to transfer data to IRIS or clear it.

After import, you will also see the imported data.

IRIS import manager

Import from MongoDB

Import from custom JSON

## Collection: restaurants

Move data to IRIS Remove data from IRIS

**Number of documents in MongoDB collection:** 1500

**Example document from the MongoDB collection:**

```
{
  "_id": "5ed8a3f0dbd4c999d6d27b8e",
  "address": {
    "building": "1007",
    "coord": [
      -73.856077,
      40.848447
    ],
    "street": "Morris Park Ave",
    "zipcode": "10462"
  },
  "borough": "Bronx",
  "cuisine": "Bakery",
  "grades": [
    {
      "date": "2014-03-03T00:00:00",
      "grade": "A",
      "score": 2
    },
    {
      "date": "2013-09-11T00:00:00",
      "grade": "A",
      "score": 6
    },
    {
      "date": "2013-01-24T00:00:00",
      "grade": "A",
      "score": 2
    }
  ]
}
```

**Number of root nodes in IRIS global:** 1500

**Imported example document in IRIS:**

Path	Value
^restaurants(0, _id)	5ed8a3f0dbd4c999d6d27b8e
^restaurants(0, address, building)	1007
^restaurants(0, address, coord, 0)	-73.856077
^restaurants(0, address, coord, 1)	40.848447
^restaurants(0, address, street)	Morris Park Ave
^restaurants(0, address, zipcode)	10462
^restaurants(0, borough)	Bronx
^restaurants(0, cuisine)	Bakery
^restaurants(0, grades, 0, date)	2014-03-03T00:00:00
^restaurants(0, grades, 0, grade)	A
^restaurants(0, grades, 0, score)	2

What other imports would you like to have in this application? Any ideas are very welcome.

## Easy data import into IRIS

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