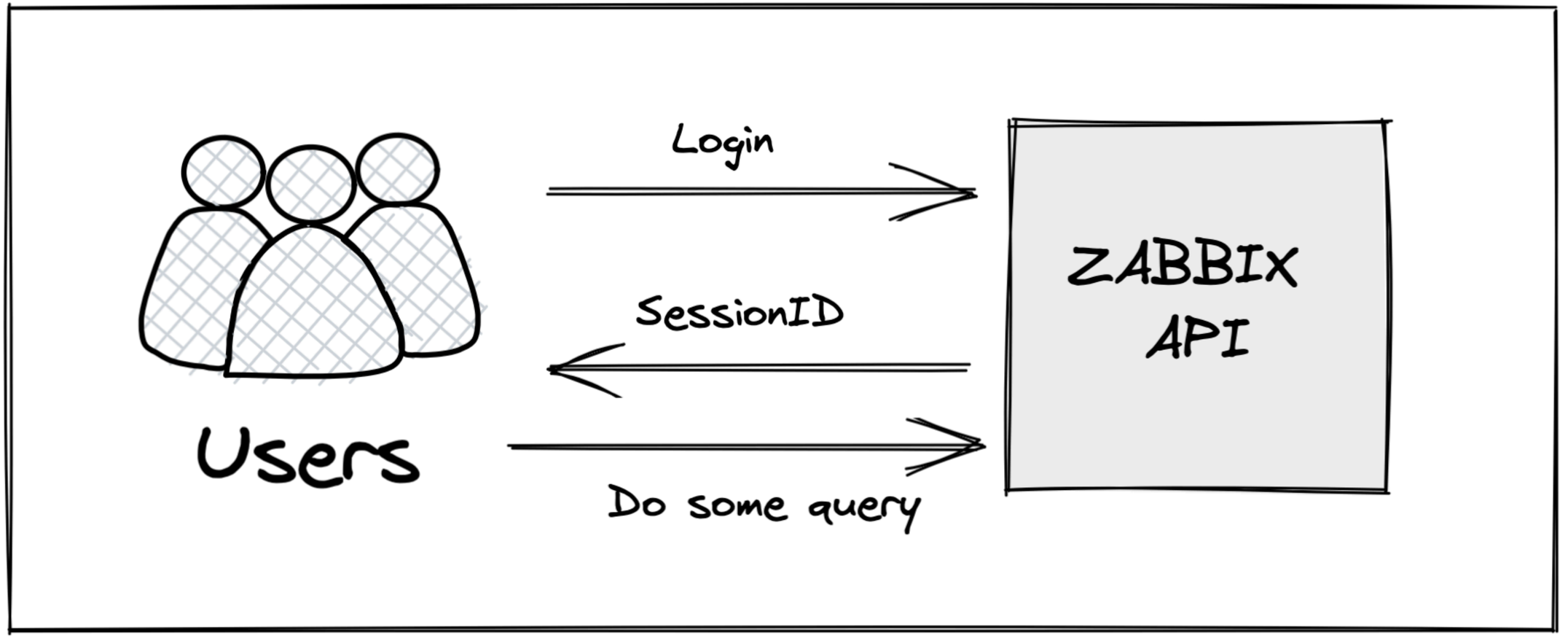
Steve DESTIVELLE / ZABBIX Summit 2022

Because I'm The Workshop API

IZI-IT

ZABBIX API Workflow

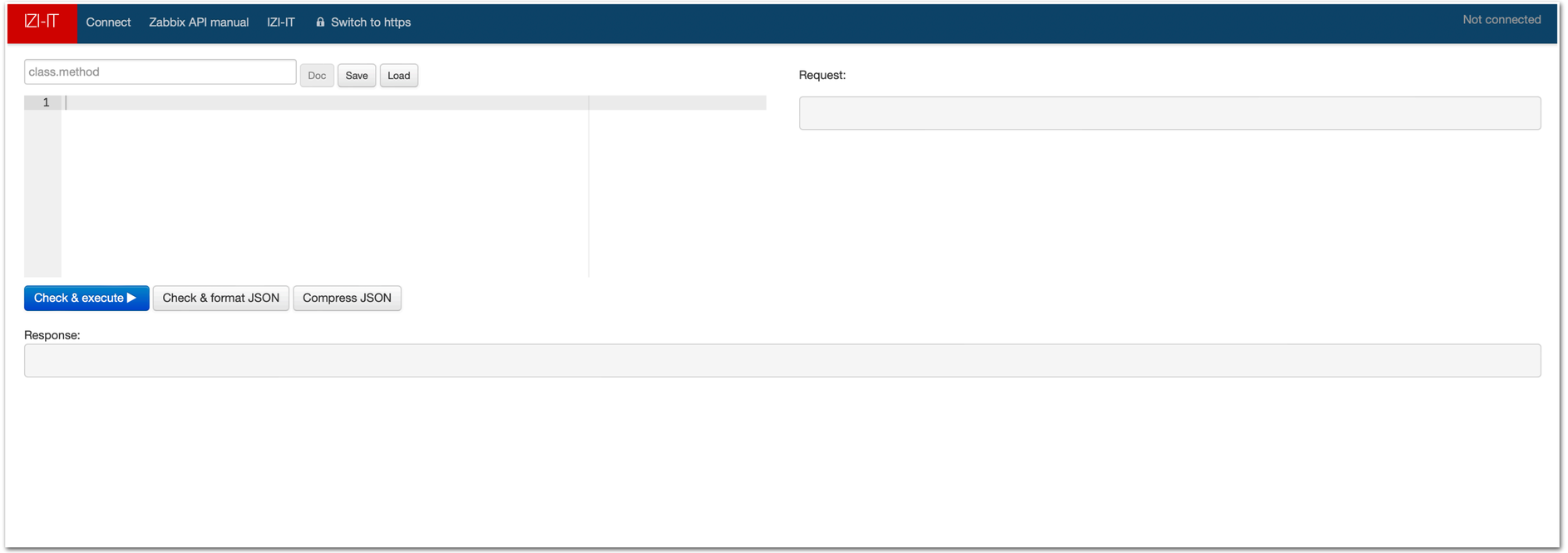


API test

- https://workshop.izi-it.io
  - Connect with **user1** to **user39** with password **IZI-IT2022!**
- http://lab.izi-it.io

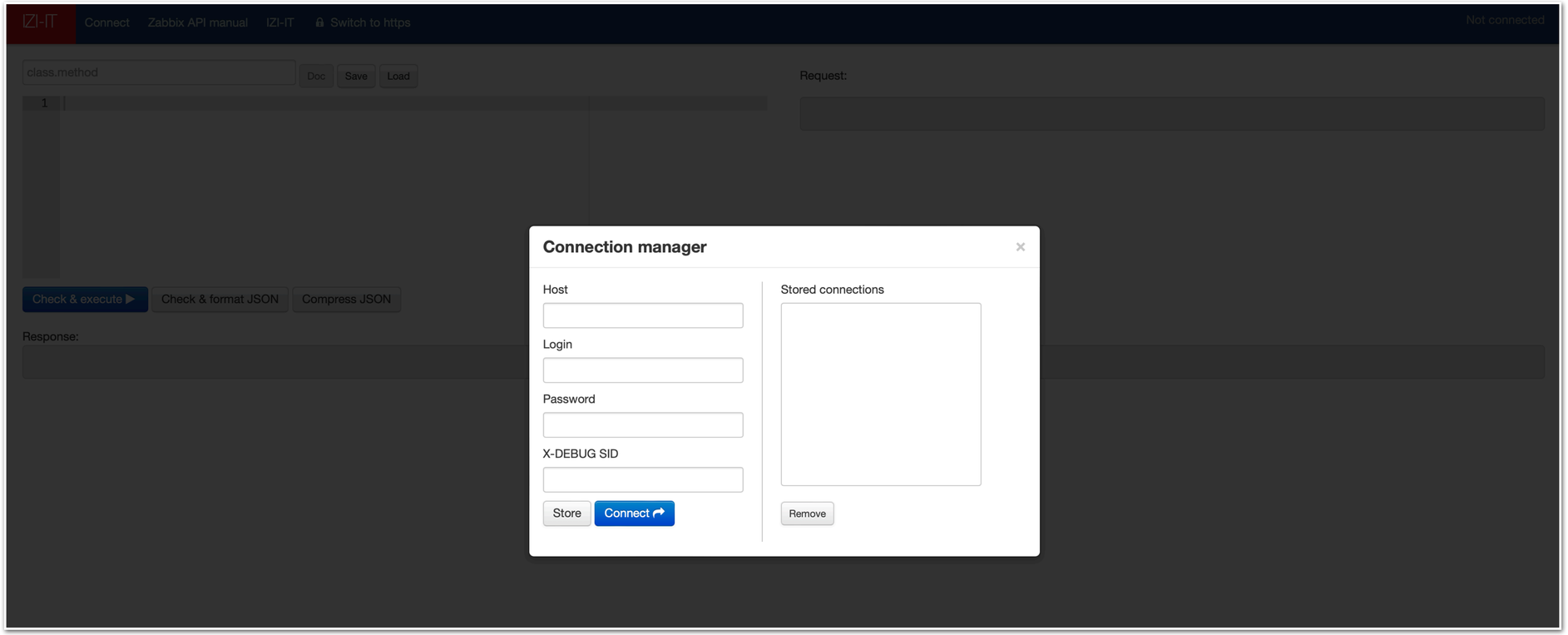
API test

- http://lab.izi-it.io



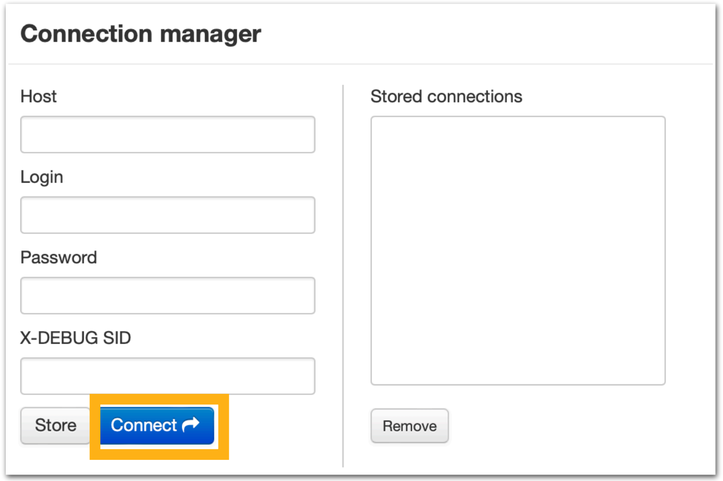
API test

- http://lab.izi-it.io



API test

- http://lab.izi-it.io

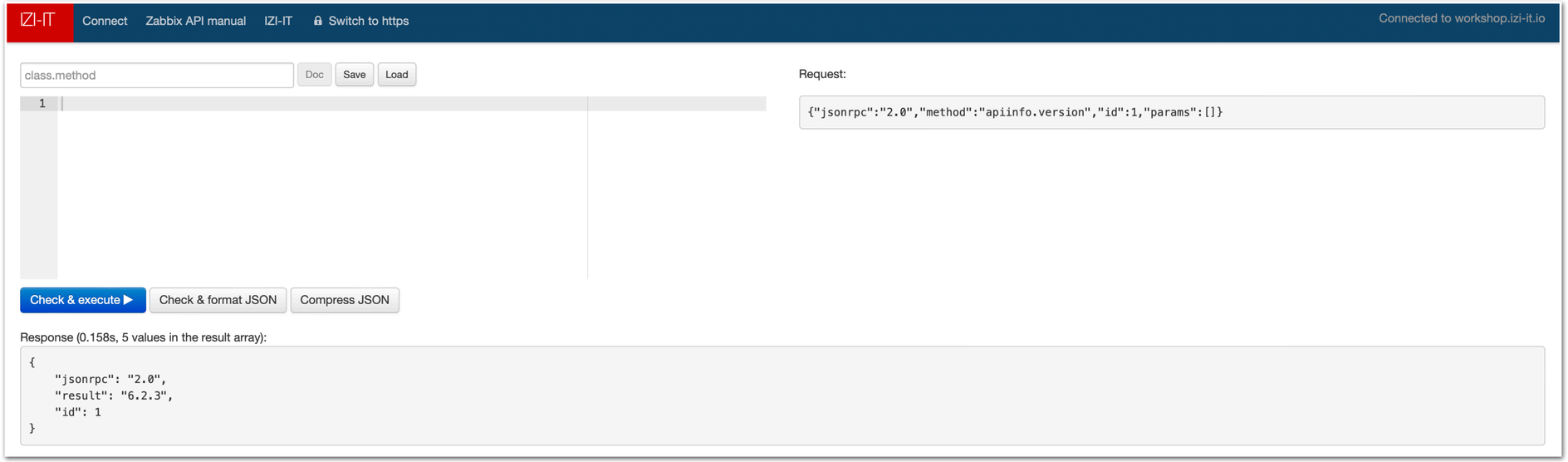


- Host: https://workshop.izi-it.io
- Login: user1 to user39
- Password: IZI-IT2022!

And then Connect

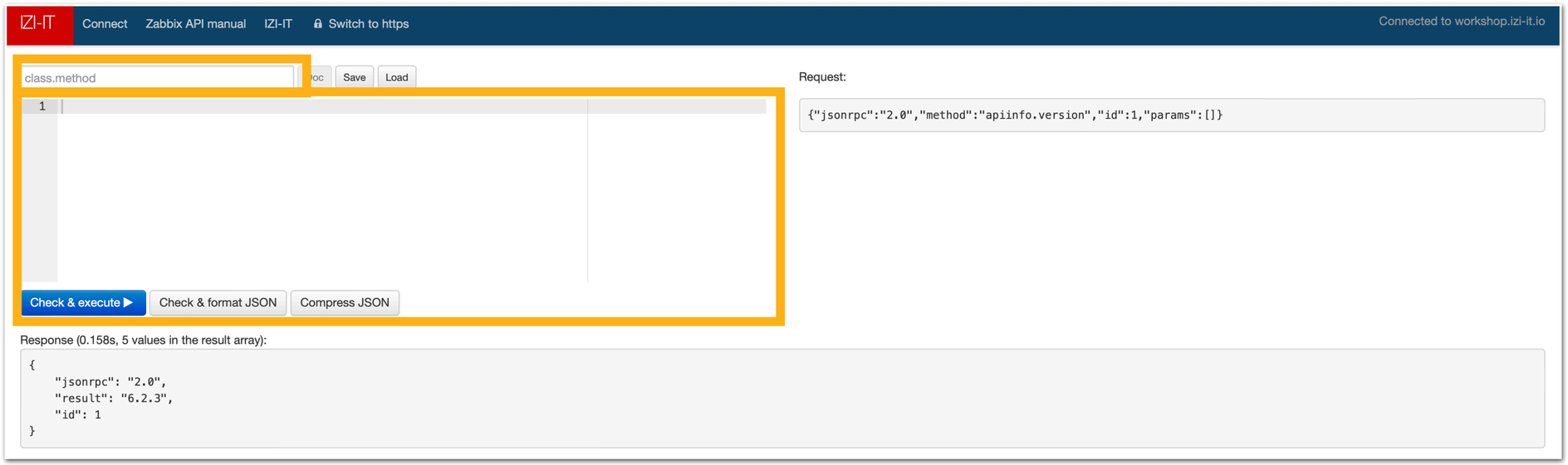
API test

- http://lab.izi-it.io

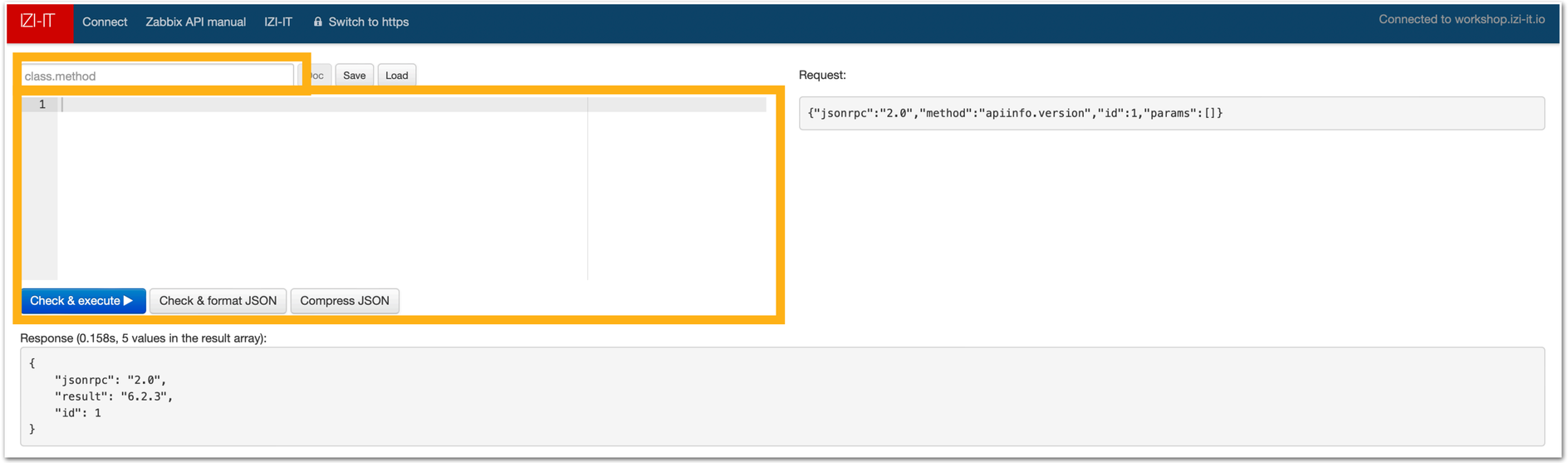


API test

- What is the class.method field ?
- What is the params field ?



API test



- class.method: the method you will use
- params field: the params of your method

API test

- https://www.zabbix.com/documentation/current/en/manual/api/reference

API test

- Try to create a single host with the documentation
  - What kind of methods will we use ?

ZABBIX API with Python

- Now let’s try with Python

ZABBIX API with Python

- First: we need pyzabbix to be installed
  - pip install pyzabbix
  - https://github.com/lukecyca/pyzabbix

ZABBIX API with Python

```
from pyzabbix import ZabbixAPI

zapi = ZabbixAPI("http://zabbixserver.example.com")

zapi.login("zabbix user", "zabbix pass")

print("Connected to Zabbix API Version %s" % zapi.api_version())
```

ZABBIX API with Python

- Now let’s do the same and create a host with Python

ZABBIX API with Python

- So that’s it
- Maybe you want to discuss about the API or the fact that France will be one more time World Champion of Football at the end of the year

Enjoy and don’t forget

Ba-na-na