

```
In [ ]: pip install sbol2
```

```
In [ ]: from sbol2 import *
```

```
In [ ]: doc = Document('BBa_I0462.xml')
```

```
In [ ]: workshop = PartShop('http://localhost:7777')
```

```
In [ ]: workshop.login('<username>', '<password>')
```

```
In [ ]: doc.displayId = 'test'
doc.name = 'test'
doc.description = 'workshop test'
workshop.submit(doc)
```

```
In [ ]: parts = workshop.search('BBa_I0462')
for part in parts:
    print("Part:")
    print(part.displayId)
    print(part.name)
    print(part.description)
    print(part.identity)
```

```
In [ ]: myParts = PartShop('http://localhost:7777/public/test_collection')
```

```
In [ ]: doc2 = Document()
for part in parts:
    myParts.pull(part.displayId, doc2)
```

```
In [ ]: doc2.write('test_out.xml')
```