

Tutorial: Batch import of items

Setup SAFBuilder and create Simple Archive Format on Windows OS 8/10

Prerequisite: You should have working internet connection.

Section -I : Install SAFBuilder

1. Download **SAFBuilder** from <https://github.com/peterdietz/SAFBuilder/zipball/master>.
2. Extract the downloaded zip file of **SAFBuilder**. i.e. **peterdietz-SAFBuilder-v3-24-g6bdcca4.zip**
3. Open extracted folder **peterdietz-SAFBuilder-6bdcca4**, right click on **safbuilder.bat** file and select **Edit** option.

Update the contents of **safbuilder.bat** file as shown below.

```
@echo off
call mvn -DskipTests=true clean package
call mvn exec:java -Dexec.mainClass="safbuilder.BatchProcess" -Dexec.args="%* %*"
echo "SAF Created"
```

4. Close the **safbuilder.bat** file.

Section -II : Create "ItemUpload" directory

1. Create a new folder named **ItemUpload** on the **Desktop**
2. Copy the following contents in the **ItemUpload** folder.
 1. **Article1-2metadata.csv** file provided in **Code Files**
 2. **Article1.pdf** and **Article2.pdf**

Section -III :Run SAFBuilder

1. Change the present working directory to **SAFBuilder** (i.e. **peterdietz-SAFBuilder-6bdcca4**) using the following command.

```
cd Downloads\peterdietz-SAFBuilder-6bdcca4
```

2. Enter the command as shown to create **Simple Archive Format**.

```
safbuilder.bat -c C:\Users\PANKAJ\Desktop\ItemUpload\Article1-2metadata.csv
```

3. **SimpleArchiveFormat** for **Article1.pdf** and **Article2.pdf** is created in the **ItemUpload** folder.
4. Use any compression tool and compress the contents of **SimpleArchiveFormat** into **SimpleArchiveFormat.zip**

5. SimpleArchiveFormat.zip can be uploaded in the **DSpace Collection** using the **Batch Import** feature.