

# S3B2 Java Library Edition

This edition of S3B2 allows you to perform S3B2 operation from command-line using Java.

## Usage

```
java -jar com.sheelapps.s3.S3B2Main.jar ; commons-cli
```

usage: SheelApps S3B2 Command Line Tool - version 10b

-a,--access-key <access-key> s3 access key.

-s,--secret-key <secret-key> s3 secret key.

-b,--bucket <bucket> s3 bucket.

-h,--help print this message

-ld,--localdir <dir> local directory.

-lf,--localfile <file> local file.

-m,--modified Modified only

-o,--operation <operation> operation to perform. Valid operation names are download, upload, list, create and del

-rd,--remotedir <dir> s3 directory.

-rf,--remotefile <file> s3 object key.

Note: -b except **list** all buckets, see below , -a, and -s are always required.

Operation examples :

Download a file : **-o download -ld c:/temp -rf abc.txt**

Download a file : **-o download -ld c:/temp -rf dir1/abc.txt**

Download a directory : **-o download -ld c:/temp -rd dir1**

Download a directory : **-o download -ld c:/temp -rd dir1/subdir2**

Upload a file : **-o upload -lf c:/temp/test.txt -rd dir1**

Upload a root-level file : **-o upload -lf c:/temp/test.txt**

Upload a directory to dir1 : **-o upload -ld c:/temp/ -rd dir1**

Upload a root-level directory : **-o upload -ld c:/temp/**

List all buckets : **-o list**

List bucket : **-o list -b bucket-name**

List directory : **-o list -rd dir1**

Create bucket : **-o create -b bucket-name**

Create directory : **-o create -rd dir1**

Create directory : **-o create -rd dir1/subdir1**

Delete a bucket : **-o delete -b bucket-name**

Delete a file : **-o delete -rf abc.txt**

Delete a file : **-o delete -rf dir1/abc.txt**

Delete a directory : **-o delete -rd dir1**

## Examples :

## Upload a directory (recursive and modified files only)

```
java -jar com.theappss3.S3B2Main.jar;commons-cli  
<access-key> -s <secret-key> -b <bucket> -o upload -ld c:/users/data -rd users -m
```

Above command will upload local directory "c:/users/data" to "<bucket>/users/data" directory.

## List all files in a bucket

```
java -jar com.theappss3.S3B2Main.jar;commons-cli  
<access-key> -s <secret-key> -b <bucket> -o list
```

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