# S3FileListStep

**Objective:**

It is used to download the list of files from AWS s3.

**Attributes:**

|  |  |
| --- | --- |
| **Attributes** | **Description** |
| value\_type | To select type as free marker template or handlebar |
| plugin\_name | To connect with aws amazon based access key and secret key which given plugin |
| bucket\_name | To give the particular bucket name in s3 to download files data |
| file\_key | Used to enter the folder name |
| output\_variable | Used to store the response of the request |

**Sample config.json:**

{

"workflows": [

{

"id": "36\_GETTING\_FILES\_FROM\_BUCKET",

"name": "36\_GETTING\_FILES\_FROM\_BUCKET",

"trigger": "rest",

"expression": "/app/\_filelist",

"method": "get,options",

"steps": [

{

"id": "1",

"value\_type": "hb",

"output\_variable": "js\_filelist",

"file\_key": "521/app/appup\_lib",

"bucket\_name": "appup-bucket",

"plugin\_name": "appup\_bucket",

"type": "s3-file-list",

"next": {

"success": "setfilelist"

}

},

{

"id": "setfilelist",

"type": "set-var-multi",

"json\_is": true,

"json\_name": "fileName",

"variables": [

{

"key": "fileFromJs",

"value": "{{js\_filelist}}"

}

],

"next": {

"success": "send"

}

},

{

"id": "send",

"type": "send",

"variable\_name": "output",

"value\_type": "hb"

}

]

}

}

],

"filters": [],

"server": {},

"plugins": [

{

"id": 25,

"name": "appup\_bucket",

"type": "s3-plugin",

"version": "1.0",

"category": "storage",

"secretKey": "YTLxPha9rAUkPQzU/ywYD+urXjHSMWlnG1+n086T",

"region": "ap-south-1",

"accessKey": "AKIAIVJMBGBK4PRJ3SKA"

}

]

}

**Executor Description:**

In executor class first will retrieve the serializable s3 objects and assign to objectlisting object by using Amazon s3 client and deserialize the retrieved object. Iterate through the De-serialized S3 summary object and get the file names and remove the last added comma. Put the file list into output variable.