

# Using File Repository

File Repository is currently supported only for [Appium Server \(Appium Open Source\)](#) commands.

How to store and how to download files from file repository: [File Repository Rest API](#)

## Permissions

There are several configurations that define the access to the file repository

1. File repository can be globally enabled or disabled for the cloud (see [File Repository](#))
2. File repository can be enabled or disabled for each project (see [Project Resources](#))
3. The administrator can prevent users with the "User" role to upload/modify files in the file repository (see [Project Resources](#))

## Commands

File unique name should be provided with "cloud:" prefix

### Commands that can use files from the file repository

1. simulateCapture
2. startAudioPlay / stopAudioPlay

File must exist in file repository before command execution (upload files to file repository using [File Repository Rest API](#))

Use file unique name in the repository in order to execute a command, for example:

```
driver.executeScript("seetest:client.simulateCapture", "cloud:my_image");
```

In this case, **my\_image** is a file unique name in the file repository.

#### File URL

When a file is provided without the "cloud:" prefix - it is treated as a URL

```
driver.executeScript("seetest:client.simulateCapture", "https://myserver.com/my_image");
```

### Commands that produce files and store them to file repository:

1. startAudioRecording / stopAudioRecording
2. startHarRecording / stopHarRecording

File must not exist in file repository before command execution (otherwise the command will fail)

```
driver.executeScript("seetest:client.startAudioRecording", "cloud:my_audio");  
// Commands that play audio on device  
driver.executeScript("seetest:client.stopAudioRecording");
```

Now the file with the unique name **my\_audio** can be downloaded from the file repository using [File Repository Rest API](#)

## Examples

### Simulate Capture

```
// File with unique name my_image must exist in file repository
driver.executeScript("seetest:client.simulateCapture", "cloud:my_image");
```

### Audio Play Commands

```
// File with unique name my_music must exist in file repository
driver.executeScript("seetest:client.startAudioPlay", "cloud:my_music");
driver.executeScript("seetest:client.stopAudioPlay");

driver.executeScript("seetest:client.startAudioPlay", "cloud:my_music");
driver.executeScript("seetest:client.waitForAudioPlayEnd", 10_000);
```

### Audio Recording Commands

```
// File with unique name my_audio_recording must NOT exist in file repository
driver.executeScript("seetest:client.startAudioRecording", "cloud:my_audio_recording");
// Commands that play audio on device
driver.executeScript("seetest:client.stopAudioRecording");
// Download file with unique name my_audio_recording from file repository using Rest API
```

### HAR File Recording Commands

```
// File with unique name my_har_file must NOT exist in file repository
driver.executeScript("seetest:client.startHarRecording", "cloud:my_har_recording");
// Commands that perform web requests on device
driver.executeScript("seetest:client.stopHarRecording");
// Download file with unique name my_har_recording from file repository using Rest API
```

### ADB push File to device Command

```
// File with unique name must exist in file repository
// File from repository will be uploaded to provided path on device.
driver.executeScript("seetest:client.pushFile", "path_on_device", "cloud:file_in_repo");
```

### ADB pull File from device Command

```
// File with unique name must NOT exist in file repository
// File downloaded from device will be stored in file repository with given unique name.
driver.executeScript("seetest:client.pullFile", "path_on_device", "cloud:file_in_repo");
```

### Start/Stop Logging device Command

```
// File with unique name must not exist in file repository
// Device log file will be uploaded to the provided "log_file_name" on file repository in the 'Stop Logging
device command'.
driver.executeScript("seetest:client.startLoggingDevice", "cloud:log_file_name");
.
.
.
// Device log file will be uploaded to path on file repository that was provided on 'Start Logging device
command'.
driver.executeScript("seetest:client.stopLoggingDevice");
```