PDF Forms Tutorial

The Applitools PDF Tool allows you to easily run visual UI tests on a collection of image files, by placing them inside a directory (also works with nested directory structure). It runs as a standalone jar file and can be invoked as a process by any programming language.

#Steps for running tests

1. Download the `ImageTester.jar` file from here:

Note

If you don't have your Applitools account yet, please sign up first and get your Applitools `API Key` that will be used next to execute the tests.

You can get the `API Key` by clicking on the Person Icon | "My API Key"

2. Add your `API Key` as an environment variable (optional, but recommended).
3. Create a folder which will contain the pdf under test (let's say `/under_test`).
4. Copy new version of the pdf into the `/under_test` folder
5. Run the `ImageTester.jar` jar file as shown below:

Note

The $APPLITOOLS_API_KEY is the environment variable name which contains the API key. You can instead just use **-k <PASTE YOUR KEY>**

6. This will create your baseline for the test.
7. Copy the second version of the pdf file into the `under_test` folder.
8. Run the `ImageTester` jar file (same as in #5)
9. This will now create a checkpoint and compare against the baseline that was set in #5
10. Navigate to your dashboard to see the test results.

#Analyze your test results

Congratulations! You've successfully run your first visual UI test with Applitools Eyes! A detailed report is ready for your inspection at the Applitools Eyes test manager. Watch this 5 minute video to get acquainted with the test manager and to learn the basics of baseline maintenance.

Login to Applitools and analyze the results.

#Advanced options

The tool build in java and requires minimal set of parameters the minimal command will look as follow:

```
[ ]    [                ]
```

- Required parameters:
  - ○ -k [api-key] - Applitools api key
- Optional paramaeters:
  - ○ -f [path] - A path to target folder or files
  - ○ -a [app-name] - Set the application name under test; default ImageTester
  - ○ -p [http://proxy{;user;pass}] - Set proxy and optional username + password
  - ○ -s [server] - Set Applitools server url
  - ○ -ml [match-level] - Set the comparison level, one from Strict/Content/Layout; Default = Strict
  - ○ -br [branch] - Set the branch
  - ○ -pb [parent-branch] - Set the parent branch
  - ○ -bn [baseline] - Set custom baseline name
  - ○ -vs [WidthxHeight] - Set the viewport size identifier
  - ○ -lf [log-file] - Set log fine name to enable logging
  - ○ -os [osname] - Set custom os
  - ○ -ap [browser name] - Set browser or equivalent hosting application name
  - ○ -as - Set automatic save on failures ######For Documents (PDFs) only
  - ○ -di [dpi] - Set the quality of the conversion on PDF files
  - ○ -sp [pages] - Comma separated page numbers to include in PDF testing (ie: 1,2,5,7); Default all included
  - ○ -pp [password] - The password if the PDF files protected
  - ○ -pn - Preserve original test names when specifying pages