

The **Stamp** script is an attempt at simplifying the process of marking image sequences with useful information such as frame, date, timecode, author, version, name of file, sequence, shot, etc.

==== Usage ==== As of august 2015, the Blender binary has to be downloaded from the [[https://builder.blender.org/|Blender Buildbot]], or compiled from the latest git version, as it includes the Text Sequence used in the script. Right now, the path to the **blender binary** has to be specified in the stamp.py file, in the "blender_bin" variable. The script is written in Python, and uses Blender for image marking and rendering. The script is command-line only at the moment. To get usage help, type: `python stamp.py --help` ==== Template mode ==== A .json template file can be written to speed up the marking process, once a specification has been decided upon. In //template mode//, you have to call the script thus: `python stamp.py --template PATH/TO/TEMPLATE.json PATH/TO/IMAGE.ext [--options...]` Type "`python stamp.py --help`" to get a list of options you can type. These options are specified in the template.json file, in the following form: `[ { "field": "Plan", "value": "P01", "position": "BOTTOM-LEFT", "size": 15, "color": [ 0.0, 0.0, 0.0 ], "inline": false } ]` You then have to pass arguments to the program according to the template, such as: "`python stamp.py --plan P12`". **Alternatively**, you can use the "`python stamp.py --default`" option to use //all// fields defined in the template, with their default values. ==== Metadata mode ==== The **Metadata mode** is similar to the Template Mode, but it uses a json string, passed in command line to the "`python stamp.py --metadata`" argument, to generate fields. For example, the following string will create an "A text" field and a "Frame" field: `--metadata '[{"field": "A text", "value": "Salut !", "color": [1.0, 0.5, 0.5]}, {"field": "Frame", "inline": false, "color": "#0137F0"}]'` ==== Special fields ==== Some fields have a special behaviour. * **Frame** and **Timecode** respectively print the frame and timecode, read from the file name. * **Date** prints the specified string, or defaults to today's date in DD/MM/YYYY format. ==== Example template ==== `{ "settings": { "resolution": [1920, 1080] }, "metadata": [{ "position": "BOTTOM-LEFT", "value": "S001", "size": 15, "color": "#FF0000", "inline": false, "field": "S\u00e9quence" }, { "position": "BOTTOM-LEFT", "value": "P01", "size": 15, "color": [0.0, 0.0, 1.0], "inline": true, "field": "Plan" }, { "position": "BOTTOM-LEFT", "value": null, "size": 15, "color": [0.0, 0.0, 1.0], "inline": false, "field": "Frame" }, { "position": "BOTTOM-LEFT", "value": null, "size": 15, "color": [0.0, 0.0, 0.0], "inline": true, "field": "Timecode" }, { "position": "TOP-LEFT", "value": "today", "size": 15, "color": "#00FF00", "inline": false, "field": "Date" }] }` This template generates the following image: `{:template_0018.png}` ==== External Links =====

[[https://github.com/LesFeesSpeciales/tools/tree/master/various_scripts/stamp/|Script on GitHub]]

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