IPOL - SUBMISSION PROCESS

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IPOL

IPOL (Image Processing On Line) is

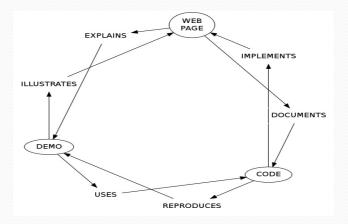
an online environment for image processing

scientific journal

- + code repository
- + educational resource
- + collective workshop

http://www.ipol.im/

content



content

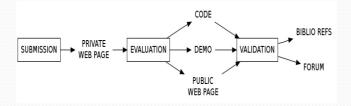
more content

- +demo archive
- +forum
- +bibliographic meta-data

3 steps

last refinement of the process:

- submission
- evaluation
- validation



submission

submission

via an online form

- identifier can't be changed, a-z0-9_
- short description 1 sentence, 10~20 words
- · authors name, email, web, etc.
- · copyright/license selected option

copyright/license

web text/images

- © IPOL + credit to authors
- open license with a obligation to cite using standardized meta-data (CC-BY-NC-SA + BibTeX/DOI)

code: 3 option

- 1: © IPOL attribution + references to authors
- 2: or © IPOL and authors (draft agreement)
- 3: or © authors with an allowed license

web edition

edition interface : https://edit.ipol.im/

- · login/password identification
- internal online documentation
- simplified wiki syntax, possible (partial) conversion from LaTeX
- structure-oriented, not visual-oriented, the layout depends on the browser
- the web page is not public during the first step

content

- precise and exhaustive algorithmic description
- mathematical description + references to articles/preprints
- commented examples
- + for the demo
 - · short description of the demo: intended interaction and visualization

/!\ privacy

do not use a picture of a person without their agreement

- · even if you found it online
- easy solution : photograph yourself
- you can blur/hide the faces
- · or we have special agreement (paper) forms

/!\ image copyright

only publish online images with permissions

- · your personal images,
- or images without copyright or an expired copyright,
- or with a permission of the author

default rule: the author holds all the use rights

do not reuse data from an article without checking

free images

http://search.creativecommons.org/

- check "right to modify"
- · keep the URL for reference

"standard" images:

see http://sipi.usc.edu/database/ (not always free)

evaluation

evaluation

anonymous referees examine

- · scientific and practical interest of the proposed works
- · feasibility of the demo

after approval

- the web page becomes public, in the "workshops" category
- the authors must provide an implementation within 3 months

implementation

the code must be correct, neutral, documented and full

- correct: normalized C/C++, compilation -Wall -Wextra -Werror
- neutral: no specific extensions, 32/64bits, standard and portables libraries libtiff, libpng, libfftw3, clapack, zlib (...)
- documented: 1/8 ratio, detail everything not obvious, link math description and implementation, README.txt for compilation and usage
- full: the source code must produce an executable command-line program

code structure

to help review and reusability:

- split the code components in different files: main(), input/output, pre/post processing, visualization, and a separate file dedicated to the algorithm only
- provide front-end functions to call the algorithm, with documentation and examples

IPOL will gradually propose some reusable components for auxiliary tasks like input/output

implementation authors

- each source code file has the author(s) information, for traceability
- the source code authors may not be co-authors of the IPOL publication
- · the authors of non-trivial recycled source code parts must be properly cited

demo

full specification of the demo

- all the required tools
- all their options
- everything displayed by the demo

a demo can involve multiple web pages and/or multiple programs; the only exchange medium between programs or between successive pages is data files

complex demo

validation

validation

non anonymous referees check

- by intelligent testing, that the results and examples provided by the authors are correct and faithful
- by a careful examination of the source code, that it exactly implements the algorithm

this examination only covers the main algorithm of the source code

post-validation

- the page is locked
- the page is in the "published" category
- bibliographic meta-data are added
- a forum is added, with the referee reports

...

END OF THE PROCESS

questions?

