platform_analysis

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CONTENTS:

1 Research 3

2 Credits 5

3 Indices and tables 7

A Python library for Social Network Analysis of online collaboration platforms and tools like Twitter, YouTube and Git, Hg, SVN, GitHub, GitLab, BitBucket repositories.

platform_analysis is available as a normal Python module on pypi that can be installed with:

```
pip install platform_analysis
```

Source code and development are hosted on GitHub under a LGPL license.

CHAPTER

ONE

RESEARCH

platform_analysis is based on several years of experimentation, which lead to the development of the module only in 2016. The background of *platform_analysis* and its application to three case studies is documented in this paper:

Menichinelli, M. (2017). A data-driven approach for understanding Open Design. Mapping social interactions in collaborative processes on GitHub. *The Design Journal*, *20*(sup1), S3643–S3658. https://doi.org/10.1080/14606925.2017.1352869

Or download the `BibTeX file`

Check also this post for an introduction to the paper.

If you want to cite the module itself, you can cite with:

Menichinelli, M. (2017). openp2pdesign/platform_analysis: v0.2: EAD12|2017 Design for Next - Rome [computer software]. https://doi.org/10.5281/zenodo.399292

Or download the `BibTeX file`

CHAPTER

TWO

CREDITS

platform_analysis is based on several years of experimentation, which lead to the development of the module only in 2016.

The research leading to these results started in 2012 while Massimo Menichinelli worked at Aalto Media Factory in the Aalto University; the research continued while working as a lecturer at SUPSI during 2013-15. These first informal tests were later elaborated into a full software library and full analysis while working at IAAC | Fab City Research Lab in 2016-17 within the Horizon 2020 project MAKE-IT. The finalization of this research has received funding from the Horizon 2020 Programme of the European Union within the MAKE-IT project under grant agreement n° 688241. This publication reflects only the author's view and the Union is not liable for any use that may be made of the information contained therein.

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Massimo Menichinelli, project manager at IAAC | Fab City Research Lab and doctoral candidate at Media Lab Helsinki (*Aalto University*), has investigated, lectured and work on the connections between Design and Open Source, Fab Lab and Maker movements since 2005.

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You can also download the tutorial as a `Jupyter Notebook`

CHAPTER

THREE

INDICES AND TABLES

- genindex
- modindex
- search