

RESEARCH MEETING NOTES

DATE/TIME: 12/10/2017 - 10:00 AM (GMT -3:00)

PARTICIPANTS:

João Gonçalves <joao.goncalves@uniriotec.br>

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DISCUSSION TOPICS:

PEDRO:

Showed some interesting indicators from software and literature, with examples such as:

(a) Time for a new release to launch (lag measure) and Activity level of a project: # of developers, # of commits, etc. (lead measure)

We have concluded that, for a broader view analysis, Lag measures can be software project metrics and lead measures can

be seen as interaction patterns, # of speech acts and their analysis.

An interesting idea would be to create indicators based on the concepts of speech act theory, regarding the OSS github scenario.

JOAO:

Adapted the speech act extraction proposal for Python 3, using the Stanford Tagger. He explained that a clear hindrance is

the current % of noise during speech act extraction, due to the simple methods used.

Proposed the generation of XES output for the speech act extraction result, enabling it to tap on the ProM recent plugins and saving time

adapting the extraction results.

Explained some remarks about Github API v4 and the new GraphQL API.

TASKS FOR NEXT MEETING:

Adapt the speech act extraction for XES output in Python (Joao)

Code the extraction of pull request from GitHub API v4 (Joao)

Proceed with the on-going literature review about open software development metrics (Pedro)

Provide details about Github pull request extraction (Saimir)

Get better soon :) (Saimir)

NEXT MEETING:

Pending, we will send an update as soon as a new date is set