

Metric Title: Code Size

Metric Definition: May refer to logical concepts in the relevant database eg., Status transitions in BugTracker

Source Lines Of Code (sloc) excluding comments and blank lines.

At platform level, with a breakdown per constituent package (version).

Normally measured per fortnightly release.

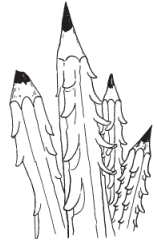
May be required on ad-hoc basis, and at package version level.

A short summary on the proposed solution :

Description of the tools used, reference to relevant languages, required scope for modifying @runtime, e.g., to be able to filter on package / product

Either

Adapt the code from an SSL tool (churn.pl), incorporate it into the build system as well as into a front-end that allows measurement from the relevant mercurial repositories without needing to build.



OR

Use an Open Source tool, e.g. cloc, and incorporate it as above.

Users may need ability to specify package version, time period, mercurial changeset etc. at runtime.



Dependencies (1)

Details of any dependencies like infrastructure needed, access permissions to be provided etc.,

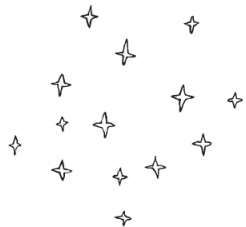
Whichever option chosen, the work involved needs resources we do not yet have.

Storage of results will be required for trend information.

A list of file-types is needed to include in the definition.

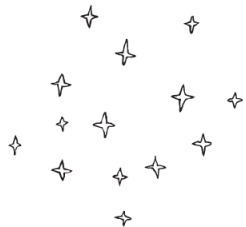
Cannot differentiate between test code and non-test code.

Presentation requirements are not defined.



Dependencies (2):

This metric may be related to metric/reporting requirements being defined by the Architecture Council.



Proposed Implementation:

Draft version of source code, sql queries or scripts etc., may be attached

