

Self-Assessment of the Software Artifact

Name of the Software Artifact

Type of the Software Artifact

Tool
Data repository
Framework

Software Artifact's web site (if available)

Objective of the Software Artifact

Domain addressed and precise technical goals; performance goals, functionalities/algorithms, etc.

Users community type

Research
Education
Commercial/industrial
Large open source community
Other, specify

Potential impact

Your assessment of the software artifact's potential impact on the ESEC/FSE community

Competition

Description of the state of the art and placement of the software artifact with regard to the competition.

Audience

Prototype (to experiment an idea)
Large audience software, usable by people inside and outside the field with a clear and strong dissemination, validation, and support action plan
Wide-audience software (aims to be usable by a wide public, to become the reference)

Originality

None

Minor contribution to existing software, reusing known ideas

Original software reusing known ideas and introducing a few new ideas

Original software implementing a fair number of original ideas

Maturity

Functional: new tool or dataset

Reusable: can be reused and experimented with other datasets or tools

Major software project: part of a bigger tool suit, has been evolving for some time

Evolution and Maintenance

No real future plans

Basic maintenance to keep the software alive

Good quality middle-term maintenance, with persistent attention to users;

Well-defined and implemented plan for future maintenance and evolution, making it possible for users to use the software without risk for important projects, organized users group

Software Distribution and Licensing

Only binary distribution

Public source or binary distribution on the web, organized by the development team

External packaging and distribution: either as part of a popular open source distribution (e.g. a Linux distribution, an algorithmic or scientific library) or packaged within a commercially distributed product (Matlab, etc.)

Additional information (free format, please be concise)

Size of the software (lines of code), languages used, size of the development team, list of patents and other publications related to the Software Artifact.

Any meaningful additional information