

TRAC2 5.1.1.1.6

5.1.1.1.6 - The repository shall have procedures in place to monitor and receive notifications when software changes are needed.

Explanation

Software development, testing, and improvement is an ongoing process at SP. In general, there is no time when software is not subject to monitoring and evaluation.

SP uses a variety of widely accepted, industry-standard techniques and tools to monitor the repository's applications. Systems administrators and programmers at SP receive information about system behaviour and usage from a number of custom-built scripts. In addition, staff receive information from monitoring functionality built into commercial software. These tools warn administrators about abnormal activity such as conflicts or slow processing times. The repository records and reports software failures through a JIRA tracking system.

Feedback from the Designated Community is an important source of information about accessibility, usability, understandability, holdings, and overall system performance. As described in [5.1.1.1.5](#), the repository receives ongoing and extensive feedback from its Designated Community.

Systems administrators receive notices and alerts about stability and security issues from vendors on a regular basis.

Responsibility

Digital Preservation Policy Librarian

Software Developer

Potential Risks

See [5.1.1.1](#)

Future Plans

SP has a procedures, commitments, and financial resources for regular software replacement or upgrade. See [5.1.1.1.8](#) for details.

Relevant Documents

1. Hardware and Software Inventory (available on request)