

ALMtoolbox offering

February 2016

<http://almtoolbox.com>



We at ALMtoolbox develop and provide add-on tools for a variety of ALM tools, and professional services for ALM and DevOps needs.

We separated the solutions by tools and services. Click to learn more.

- [ClearCase only](#)
- [ClearCase + ClearQuest](#)
- [ClearCase + RTC](#)
- [3rd-party integrations with ClearCase \(including JIRA, git, Jenkins and more\)](#)
- [Professional Services](#)

ClearCase only: our add-on tools

Our add-ons tools can save time and money on both intensive development projects and legacy projects

1. Health checks solution for ClearCase VOB servers and environments (“[ClearCheck](#)”)
2. Development status reports (“[R&D Reporter](#)”), charts, metrics and analytics, including special data and filters:
 - a. Diversity of queries and reports: comparing streams, baselines, recommended baseline, composite baselines and other combinations
 - b. Showing “missing” files (renamed, removed and moved files).
 - c. SLOC metrics, **analytics** charts (also relative \ “predictive” metrics). [Click to learn more.](#)
 - d. Showing “last check-in” date of activities and change-sets
 - e. Diversity of filters: by activity type, filenames, dates and more
 - f. Diversity of exporting formats (Excel, CSV, XML, Word, PDF and more)

[Click to learn more about the unique value of R&D Reporter](#)

3. [Visual Annotate](#) tool, while providing:
 - a. Impact analysis (which baselines or streams were affected by a particular code line)
 - b. Showing who really changed a code line, applying a “Get Real Change” fast algorithm we developed
 - c. High traceability with bug tracking tools, including JIRA, Quality Center and more ([learn more](#))
 - d. Annotating + comparing with a different version on the same screen
 - e. Comparing with more than one version on the same screen
 - f. Drill down and get the REAL change – where a given code line where REALLY changed for the first time
 - g. Integration with IDEs ([Eclipse](#), [Visual Studio](#), IntelliJ...)
4. Vitality Monitoring (both infra. and application layers) for ClearCase, ClearQuest and Jenkins. [Learn more](#) and watch [a live demo](#).
5. Setting up complexed work environments by predefined templates – “ClearEnv” (for UCM only)

Coming soon:

- Performance Monitoring (both infra. and application layers) for ClearCase servers and clients. [See a live demo](#) (there are 3 different live reports inside – retrospective, real-time and per - VOB).
- **R&D Reporter:**

- a. Extending development status reports for remote hosts, including Windows, UNIX and Linux (supporting cloud environments)
- b. Comparing two views
- c. Smart triggers (analytics) for ClearCase. This functionality could be a smart bridge between ClearCase to automated testing \build tools such as Jenkins, RQM, RFT, QC and more. [Click to learn more.](#)
- d. Showing number of merge conflicts when comparing two streams \views (required by developers)
- e. Providing a static report of a stream or a view (including base ClearCase view)
- f. Lines of code metrics per stream or view (including our first base ClearCase report)
- g. Soon: Extended View report, including charts, metrics, analytics and filters. [Click to learn more.](#)
- Extending Visual Annotate to support remote hosts, including Windows, UNIX and Linux (supporting cloud environments)
- Setting up environments while supporting remote hosts (Linux \ UNIX)
- Health Checks:
 - a. Embedding ClearBug \ SCT tools in our health checks solution (in order to solve critical problems more rapidly)
 - b. New advanced features to support gigantic VOBs
- Soon: LOC metrics per project and per user and API.

ClearCase + ClearQuest

Note: Our solutions can provide another layer of information above integration provided by IBM

- R&D Reporter, showing record ID and record type (when integrating ClearCase w/ ClearQuest UCM enabled)
- Visual Annotate, showing record ID type (when integrating ClearCase w/ ClearQuest UCM enabled)
- Special charts. For instance: planning .vs. actual; UCM activities on a Gantt chart etc. Learn more: <http://almtoolbox.com/download/doc/charts-development-intelligence-solution-en.pdf>
- Vitality Monitoring displays status of ClearQuest client \server (both infra. and application). [See a live demo.](#)

ClearCase + RTC

Note: Our solutions can provide another layer of information above integration provided by IBM

- Visual Annotate can show code-line to RTC Work-item traceability. [Click to learn more.](#)
- Utilizing RTC dashboard for displaying R&D Reporter's charts. [Click to learn more.](#)
- R&D Reporter can show UCM activity -> Work-item traceability or file element -> Work-item traceability

3rd-party integrations with ClearCase

We've also provided solutions as professional services (or customized solutions), including integration with Git, Atlassian JIRA, Jenkins, HP Quality Center, Atlassian Bamboo, Subversion (SVN), Bugzilla and development processes such as Agile and SCRUM.

- Coming soon: ClearCase – JIRA Bridge, including bidi connection and full traceability for both UCM and base users. Can be integrated with our Visual Annotate and R&D Reporter
- Coming soon: Bamboo – ClearCase integration for DevOps, while applying a continuous integration & testing process that utilizes both tools (quite similar to ClearCase UCM – Jenkins plugin)

** All “coming soon” are subject to change