Verifysoft TECHNOLOGY

Imagix

Imagix 4D ... and even complex code is easy to understand

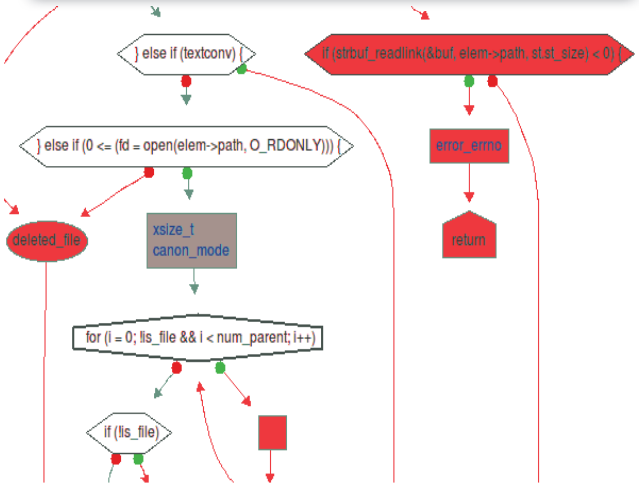
Use Imagix 4D to achieve comprehensive surveys of your C/C++ and Java projects

Imagix 4D visualizes your source code, automates the analysis of control flow and dependencies, detects problems in data usage and task interactions etc. It helps to increase productivity, improve the quality of code and reduce risks.

Control flow visualization by graspable flowcharts

- Get an overview of even complex structures
- Uncover all branches
- Expose not initialized variables
- Benefit from a graphical representation of Code Coverage Analysis results (if used combined with Testwell CTC++)
- etc...

Integration with Testwell CTC++

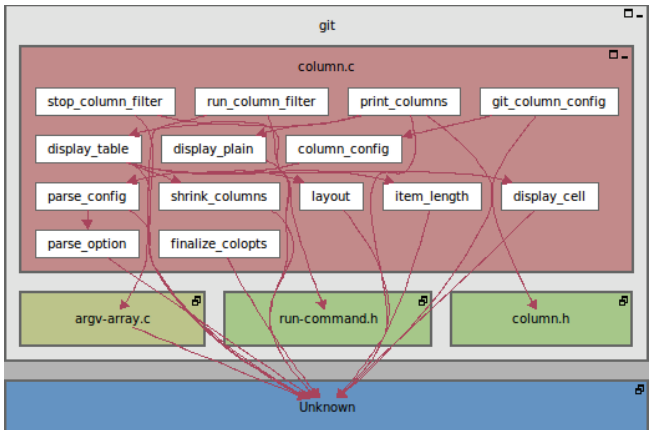


Architecture visualisation

- Find cycles in your dependancies
- Refactor your architecture
- Understand its structure with ease
- Get it across to your team
- etc...

Source code analysis

- Check your task flow by concurrency analysis
- Discover function calls by pointer
- Check variable dependancies
- Find similar functions
- Reduce redundancy
- Find “mallocs” in your C++ projects
- etc...



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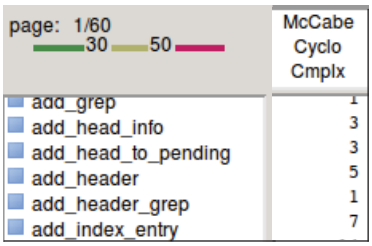
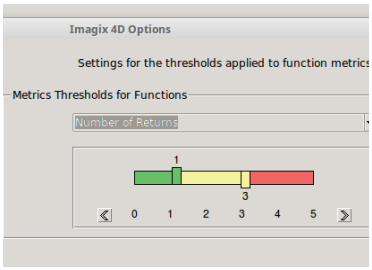
Metrics

- Use them on different levels: Directory, File, Function
- Pick the one you need: McCabe, Halstead, LOC, Maintainability etc.
- Find hotspots by using metrics as color indicator
- etc...



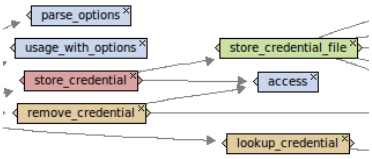
Delta analysis

- Manage and compare software revisions
- Uncover where regression testing may be needed
- Check for structural changes
- etc...



Automated documentation

- Use diagrams to discuss dependancies
- Use graspable tables for presenting metrics
- Present the structure of your program
- etc...



Integration of Testwell CTC++ with Imagix 4D

- Review your coverage data
- Speed up the development of test cases
- Avoid redundancy
- Verify that you have tested sufficiently
- etc...

New!
Integration with
Testwell CTC++

Increase productivity, improve quality of your code and reduce risks!
Evaluate Imagix 4D now!

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