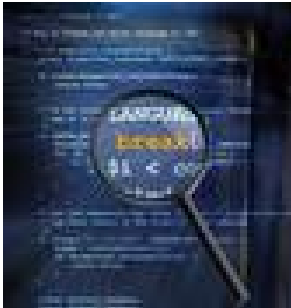


# Development of timetravel/trends reports based on revision control systems stored source code and reports of Testwell CMT++ / CMTJava

(Ref. Internship Development 01)



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Testwell CMT++ and CMTJava are tools for measuring the complexity of software projects [http://www.verifysoft.com/en\\_cmtx.html](http://www.verifysoft.com/en_cmtx.html)

For this tools an addon for timetravel/trends, revision control systems should be developed.

Scripting language: Perl

Connection/Plugin to at least 3 revision control systems

- cvs
- subversion
- git

[ - ClearCase ]

Output to be postprocessed plot/gnuplot

Example:

```
cmt-trends svn://localhost/myrepository | cmt-trends2html
```

```
firefox CMTTRENDS/index.html
```

Iterates the CMT++/CMTJava output over the time/revisions and generates trend-graphics.



Adaptation of the existing Windows frontend of CMT++/CMTJava. Plain C using MFC, invoking command line tools.

Knowledge level: Perl, English language

Time period: 4-6 months



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