

Lean R&D Real-Time Collaboration Platform

ClearWorks

Enterprise Edition SourceSafe Monitor Software

Concise Configuration Manual

Description: ClearWorks Visual SourceSafe monitoring software is “Lean R & D Real-time Collaboration Platform ClearWorks” supporting software, with Microsoft Visual SourceSafe use, used to monitor and manage the software source code changes.

Content:

- * Support for Visual SourceSafe version
- * Configure Visual SourceSafe path and code repository
- * Configure the monitoring software for Windows Service
- * Configuration ClearWorks
- * Code to submit test

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1, Supported Visual SourceSafe versions:

Currently monitoring software (file name vss_monitor.exe) support for Visual SourceSafe 6.0 and Visual SourceSafe 2005 version.

2, Configure Visual SourceSafe path and source repository:

Will monitor the software configuration file libcfg.yml on C: \ temp directory, libcfg.yml typical contents of the file:

```
CLEARWORKS_HOME: D: \ \ sevensoft (ClearWorks installation path)
SSDIR: 'C: \ \ Program Files \ \ Microsoft Visual SourceSafe \ \' (VSS installation path)
SS_HOME: 'C: \ \ Program Files \ \ Microsoft Visual SourceSafe \ \' (srcsafe.ini where the path)
SS_USER: admin (VSS user name)
SS_PASS: vsspass (VSS password)
sendmail: 'D: \ \ sevensoft \ \ sendmail \ \ sendmail.exe-t' (sendmail.exe installation path)
tempdir: C: \ \ temp (temporary directory path)
username: root (ClearWorks database user name)
password: databasepass (ClearWorks database password)
interval: 30 (once every 30 minutes check the code repository)
```

project: (The pink part of the project as an example configuration, a number of works are to configure more than one)

```
cache_file: C: \ \ temp \ \ cache_ecc.txt (cache file)
email_addresses: henry@sevenuc.com, mary@sevenuc.com (e-mail users)
from_address: vss@sevenuc.com (e-mail sender)
last_run: 2009-02-28; 20:40 (the last run-time)
log_file: C: \ \ temp \ \ ecc.log (log files)
reply_to: henry@sevenuc.com (answering e-mail address)
repos: $ / my_ecc (VSS repository path)
show_diff: 0 (whether the message contains the source code diff content)
subject: 'vss message for my_ecc' (e-mail subject)
```

project: (another example of engineering, a number of works are to configure more than one)

```
cache_file: C: \ \ temp \ \ cache_sol.txt
email_addresses: jerry@sevenuc.com, steven@sevenuc.com
from_address: jerry@sevenuc.com
```

last_run: 2009-02-28; 20:40
log_file: C: \ \ temp \ \ sol.log
reply_to: jerry@sevenuc.com
repos: \$ / example/Solution1.root/Solution1
show_diff: 0
subject: 'vss message for solution1'

3, Configuration the monitoring software as Windows

Service:

Click key.reg the vss_monitor.exe set to system services (since start).
key.reg reads as follows:

```
Windows Registry Editor Version 5.00  
[HKEY_LOCAL_MACHINE \ SOFTWARE \ Microsoft \ Windows \ CurrentVersion \ Run]  
"VSSMONITOR" = "C: \ Program Files \ \ Microsoft Visual Studio \ VSS2005 \ vss_monitor.exe"  
(vss_monitor.exe where the path)
```

System in the following dialog box appears, answer "Yes" button.

4, Configuration ClearWorks

Use of software such as UltraEdit or EditPlus to open \$ ClearWorks installation path / ClearWorks / includes / config.php, the file is ClearWorks profile,

```
$ dPconfig [ 'TestProduct' ] [ 'scmtype' ] = "VSS"; (set this project using Visual SourceSafe version  
of the management system, other systems can be CVS, Subvesion and Git)  
$ dPconfig [ 'TestProduct' ] [ 'repos' ] = "e: / vssrepos / ncover";  
$ dPconfig [ 'TestProduct' ] [ 'repos_name' ] = 'ncover';
```

5, Test to submit code changes

The original code change and Issue (Feature or a bug) is associated, in the Visual Studio2005 (the other versions of Visual Studion also supported, such as Visual Studio 6.0, Visual Studio 2008, etc.) the original code is set to Visual SourceSafe version control management, changes in the code End

(to achieve a functional, modify a software bug) later, at Check in time enter the pre-defined format, notes information, Visual SourceSafe monitoring software about the code and correlate the specific Issue and send the corresponding e-mail notification, note the following format:

3 status: fixed time: 2.0:6

some comment example text.

Description:

Note from the four components:

1), # 3 indicates that the code changes and the number is associated with three of the Issue.

2), **status: fixed**, said the state of the Issue has been fixed,

According to the notes ClearWorks update the status of the relevant Issue, if the state has been fixed, then the

The corresponding keyword can be: **close / closed / fix / fixed**

If the status remains open, then the corresponding keyword can be **open / ready**.

3), time: 2.0 to fix the bug that took 2 hours 0 minutes,

Time format can be 2.0:6, the last an estimated 6 to fix the bug that is left for 6 hours.

4), some comment example text. To add text annotations.

Issue associated with the code changes and later, in ClearWorks can see the inside, Issue state changes, monitor the Issue of testing personnel can also receive the corresponding e-mail notification, the system code changes recorded detailed information after the Issue "Development Log" section specific changes to view the file, version and other versions of changes to the details of the list.

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