

LivCos

Distributed Versioning Control System

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1 Chapter

...

2 Git

Revision = Commit = Snapshot of the whole repository.

Workspace, Staging Area, Index, Repository.

JGit as a pure Java Implementation.

3 Mericural

<http://mercurial.selenic.com/>

Written in Python.

Revision = Snapshot of the whole repository.

No support for sub folder branches (Partial Clones). See <http://mercurial.selenic.com/bts/issue105>.

Nice Eclipse plugin <http://www.javaforge.com/project/HGE> .

Named branches are stored with each changeset. Bookmarks probably behave more like Git branches.

4 Bazaar

<http://wiki.bazaar.canonical.com/>

Seems to allow to branch a sub folder from a repository.

Written in Python. Couldn't find a Java API. Maybe the best way to integrate seems to be <https://launchpad.net/bzr-xmloutput>.

Eclipse Plugin <https://launchpad.net/bzr-eclipse> seems to be in an inconsistent state (Plugin 1.1.0, Bazaar 2.2.1, Eclipse 3.6.1) and is not usable :(.

5 DVCS Reviews

```
<doc:citation id="citation_1" ref="http://code.google.com/p/support/wiki/DVCSAnalysis#wikimaincol"
time="2010-10-15T14:57:16.328+02:00" copy-src="#citation_1" xmlns:doc="livcos.org/ns/doc">
```

```
<doc:title>
```

```
</doc:title>
```

```
<doc:content>
```

```
</doc:content>
```

```
</doc:citation>
```

```
<doc:citation id="citation_3" ref="http://sina.salek.ws/content/comparing-popular-version-
control-systems#node-1314" time="2010-10-15T15:24:26.276+02:00" copy-src="#citation_3"
xmlns:doc="livcos.org/ns/doc">
```

```
<doc:title>
```

```
</doc:title>
```

```
<doc:content>
```

```
</doc:content>
```

```
</doc:citation>
```

```
<doc:citation id="citation_2" ref="http://mercurial.selenic.com/wiki/GitConcepts#content"
time="2010-10-27T10:16:31.893+02:00" copy-src="#citation_1" xmlns:doc="livcos.org/ns/doc">
```

```
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</doc:title>
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<doc:content>
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</doc:content>
```

```
</doc:citation>
```