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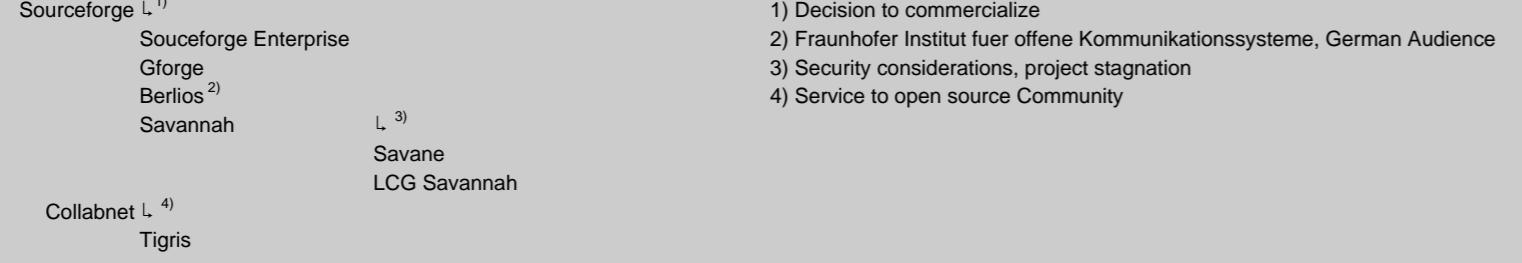
Project Origo Competition Analysis

Platform	Sourceforge	Sourceforge Enterprise	Berlios	Trac	Collabnet	Eclipse Foundation	Gforge	Savannah	Clearcase
Project Development	0	0	0	++	+	+	0	0	++
Configuration Management	cvs	cvs	svn	svn	svn	cvs	svn/cvs	cvs/svn	clearcase
Collaborative Development	-	-	-	++	0	-	-	-	0
Issue Management	+	+	+	++	++	++	+	++	++
Process Integration	--	0	--	0	0	+	0	--	++
Project Management	+	+	+	++	++	++	+	+	+
Project Dashboard	0	0	0	0	++	++	0	0	++
Team Management	++	++	++	++	++	++	++	++	++
Project Information	-	-	-	++	0	0	-	-	-
Platform Security	0	++	0	0	++	0	0	0	++
Authentication	-	++	-	-	++	-	-	-	++
Encryption	++	++	++	++	++	++	++	++	++
Roles	-	+	-	-	++	-	-	-	++
Platform Deployment	0	+	0	-	0	++	-	-	-
Clustering	n/a	n/a	n/a	✗	n/a	✓	✗	✗	✗
Redundancy	✗	✓	✗	✗	✗	✗	✗	✗	✗
Mirroring	✓	✓	✓	✓	✓	✓	✓	✓	✓
Platform Compliance	--	0	--	+	0	0	--	--	0
User Interface	--	0	--	+	0	0	--	--	0
Platform Attributes									
Search	--	n/a	--	+	+	+	0	--	n/a
Plug-Ins	✗	✓	✗	✗	✗	✓	✗	✗	✗
Speed	--	n/a	--	+	+	+	0	--	n/a
Technology	PHP, Python, Perl	J2EE	PHP, Python, Perl	Python, SQLite	Python, MySQL	PHP, Bugzilla, Ant, Apache	PHP, PostgreSQL, Apache, Mailman	Apache, Perl, PHP, MySQL	n/a
Information	www.sourceforge.net	http://www.vasoftware.com/sourceforge/	http://developer.berlios.de	http://www.edgewall.com/trac	http://www.collab.net	http://www.eclipse.org	http://gforge.org	http://savannah.gnu.org/	http://www-306.ibm.com/software/awdtools/clearcase/
Platform Rating	0	+	0	+	+	+	0	0	+
Project Development	0	0	0	++	+	+	0	0	++
Project Management	+	+	+	++	++	++	+	+	+
Platform Security	0	++	0	0	++	0	0	0	++
Platform Deployment	0	+	0	-	0	++	-	-	-
Platform Compliance	--	0	--	+	0	0	--	--	0
Platform Attributes	--	0	--	+	0	0	0	--	-
Maintainability	n/a	n/a	n/a	+	n/a	n/a	--	--	n/a
Price	n/a	np	n/a	Free	np / n/a	n/a	Free	Free	4125 US $ a)

++ very good   + good   0 satisfactory   - bad   -- very bad   n/a not applicable   np unpublished   ✓ available   ✗ not available

a) per floating single user license for 12 months

Clones and Branches:

Sourceforge ∟ 1)
Souceforge Enterprise
Gforge
Berlios 2)
Savannah ∟ 3)
Savane
LCG Savannah
Collabnet ∟ 4)
Tigris

1) Decision to commercialize
2) Fraunhofer Institut fuer offene Kommunikationssysteme, German Audience
3) Security considerations, project stagnation
4) Service to open source Community

Other Platforms considered:

Google Code	http://code.google.com
Freshmeat	http://fm.net
Apache	http://www.apache.de
Maven	http://maven.apache.org
Sunsite	http://sunsite.dk
Ibiblio	http://ibiblio.org
seul	http://www.seul.org
sourcefubar	http://www.sourcefubar.net
Codehaus	http://www.codehaus.org
OpenSymphony	http://www.opensymphony.com
Java.net	http://www.java.net
Tigris	http://tigris.org
Picolibre	http://www.picolibre.org

What Platforms Big Projects Use:

Open Office	Collabnet
Apache Foundation	Custom Platform, Maven for sub projects
Linux Kernel	Custom Platform, GIT
Mozilla	Custom Platform, CVS
KDE	Custom Platform, SVN
Gnome	Custom Platform, CVS
Mono	MediaWiki, SVN
Sun	Collabnet

Configuration Management

Name	Web	Windows	Linux	OS X	Availability
CVS	https://www.cvshome.org/	✓	✓	✓	Free
Subversion	http://subversion.tigris.org/	✓	✓	✓	Free
Bitkeeper	http://www.bitkeeper.com/	✓	✓	✓	Commercial
Git	http://www.netfort.gr.jp/~dancer/column/200504-git.html.en	✗	✓	✗	Free
Clearcase	http://www-306.ibm.com/software/awdtools/clearcase/	✓	✓	✓	Commercial

Other Configuration Management Tools considered:

http://www.daveeaton.com/scm/CMTools.html
http://linuxmafia.com/faq/Apps/scm.html

Collaborative Development

Tool	Sourceforge	Sourceforge Ent	Berlios	Trac	Collabnet / Tigris	Eclipse Foundatic	Gforge	Savannah	Clearcase
Website	✓	✓	✓	✓	✓	✓	✓	✓	✓
Newsgroup	✗	✗	✗	✗	✗	✗	✗	✗	✗
Wiki	✗	✗	✗	✓	✗	✗	✗	✗	✗
Mailinglist	✓	✓	✓	✓	✓	✗	✓	✓	✓
Faq	✗	✗	✗	✓	✓	✓	✗	✗	✓
Doc	✓	✓	✓	✓	✓	✓	✓	✓	✓
Blog	✗	✗	✗	✓	✗	✗	✗	✗	✗
Rss-feeds	✗	✗	✗	✓	✗	✗	✗	✗	✗
Score	0.375	0.375	0.375	0.875	0.5	0.375	0.375	0.375	0.5

Other Tools considered:
none

Issue Management

Tool	Sourceforge	Sourceforge Ent	Berlios	Trac	Collabnet / Tigris	Eclipse Foundation	Gforge	Savannah	Clearcase
Bug Life Cycle	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bug Category	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bug Priority	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bug Natures	✗	✗	✗	✓	✓	✓	✗	✓	✓
Components	✓	✓	✓	✓	✓	✓	✓	✓	✓
Search	✗	✗	✗	✓	✓	✓	✗	✓	✓
Discussion	✓	✓	✓	✓	✓	✓	✓	✓	✓
Linked to Configuration Management	✗	✗	✗	✓	✗	✗	✗	✗	✗
Score	0.625	0.625	0.625	1	0.875	0.875	0.625	0.875	0.875

Tools considered:

Bugzilla	http://www.bugzilla.org/
Mantis	http://www.mantisbt.org/
Eventum	http://dev.mysql.com/downloads/other/eventum/screenshots.html

Process Integration

Integration Points	Sourceforge	Sourceforge Ent	Berlios	Trac	Collabnet / Tigris	Eclipse Foundati	Gforge	Savannah	Clearcase
API	✖	✔	✖	✔	✔	✖	✔	✖	✔
IDE PlugIns	✖	✔	✖	✖	✖	✔	✖	✖	✔
Webservices	✖	✔	✖	✖	✔	✖	✔	✖	✖
IDE	✖	✖	✖	✖	✖	✔	✖	✖	✔
Build	✔	✖	✖	✔	✔	✔	✔	✖	✔
Test	✖	✖	✖	✔	✖	✔	✖	✖	✔
Score	0.166666667	0.5	0	0.5	0.5	0.666666667	0.5	0	0.833333333

Other Integration Points considered:
none

Project Dashboard

Widgets	Sourceforge	Sourceforge Ent	Berlios	Trac	Collabnet / Tigris	Eclipse Foundatio	Gforge	Savannah	Clearcase
General State	✓	✓	✓	✓	✓	✓	✓	✓	✓
Progress	✓	✓	✓	✓	✓	✓	✓	✓	✓
Activity	✓	✓	✓	✗	✓	✗	✓	✓	✓
Milestones	✗	✗	✗	✓	✓	✓	✗	✗	✓
New and Noteworthy	✗	✗	✗	✓	✓	✓	✗	✗	✓
Release Notes	✓	✓	✓	✓	✓	✓	✓	✓	✓
Changelog	✗	✗	✗	✓	✓	✓	✗	✗	✓
Bugcount	✓	✓	✓	✓	✓	✓	✓	✓	✓
Download Statistics	✓	✓	✓	✗	✓	✓	✓	✓	✓
Visitor Statistics	✓	✓	✓	✗	✓	✓	✓	✓	✓
Development Metrics	✗	✗	✗	✗	✓	✓	✗	✗	✓
Gantt Charts	✗	✗	✗	✗	✗	✗	✗	✗	✗
Score	0.583333333	0.583333333	0.583333333	0.583333333	0.916666667	0.833333333	0.583333333	0.583333333	0.916666667

Other Widgets considered:
none

Note:
The Project Dashboard is for the Developer what the Project Information is for the User

Team Management

Role	Sourceforge	Sourceforge Ent	Berlios	Trac	Collabnet / Tigris	Eclipse Foundat	Gforge	Savannah	Clearcase
Project Owner	✓	✓	✓	✓	✓	✓	✓	✓	✓
Committer	✓	✓	✓	✓	✓	✓	✓	✓	✓
User	✓	✓	✓	✓	✓	✓	✓	✓	✓
Score	1	1	1	1	1	1	1	1	1

Other Roles considered:
none

Project Information

Presentation	Sourceforge	Sourceforge Ent	Berlios	Trac	Collabnet / Tigris	Eclipse Foundatic	Gforge	Savannah	Clearcase
Website	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wiki	✗	✗	✗	✓	✗	✗	✗	✗	✗
Newsgroup	✗	✗	✗	✗	✗	✓	✗	✗	✗
Mailing list	✓	✓	✓	✓	✓	✗	✓	✓	✓
Doc	✗	✗	✗	✓	✓	✓	✓	✗	✓
License	✓	✓	✓	✓	✓	✗	✓	✓	✗
Tutorials	✗	✗	✗	✓	✗	✓	✗	✗	✗
Articles	✗	✗	✗	✓	✗	✓	✗	✗	✗
Faq	✗	✗	✗	✓	✓	✗	✗	✗	✓
Blog	✗	✗	✗	✓	✗	✗	✗	✗	✗
Rss-feeds	✗	✗	✗	✓	✗	✗	✗	✗	✗
Podcasts	✗	✗	✗	✗	✗	✗	✗	✗	✗
Score	0.25	0.25	0.25	0.833333333	0.416666667	0.416666667	0.333333333	0.25	0.333333333

Other Presentations considered:
none

Note:
The Project Information is for the User what the Project Dashboard is for the Developer

Authentication

Tool	Sourceforge	Sourceforge Ent	Berlios	Trac	Collabnet / Tigris	Eclipse Foundation	Gforge	Savannah	Clearcase
Password	✓	✓	✓	✓	✓	✓	✓	✓	✓
Password aging	✗	✓	✗	✗	✓	✗	✗	✗	✓
Pasword format requirements	✗	✓	✗	✗	✓	✗	✗	✗	✓
Score	0.333333333	1	0.333333333	0.333333333	1	0.333333333	0.333333333	0.333333333	1

Other Tools considered:
none

Encryption

Tool	Sourceforge	Sourceforge Ent	Berlios	Trac	Collabnet / Tigris	Eclipse Foundatio	Gforge	Savannah	Clearcase
Encryption of Configuration Management Protocols	✓	✓	✓	✓	✓	✓	✓	✓	✓
Encryption of Management Interface	✓	✓	✓	✓	✓	✓	✓	✓	✓
Score	1	1	1	1	1	1	1	1	1

Other Tools considered:
none

Role

Attribute	Sourceforge	Sourceforge Ent	Berlios	Trac	Collabnet / Tigris	Eclipse Foundatio	Gforge	Savannah	Clearcase
Role-based Security Model	✓	✓	✓	✓	✓	✓	✓	✓	✓
Role Management	✗	✓	✗	✗	✓	✗	✗	✗	✓
Customizable Roles	✗	✗	✗	✗	✓	✗	✗	✗	✓
Score	0.33	0.66	0.33	0.33	1	0.33	0.33	0.33	1

Other Attributes considered:
none

User Interface

Attribute	Sourceforge	Sourceforge Ent	Berlios	Trac	Collabnet / Tigris	Eclipse Foundation	Gforge	Savannah	Clearcase
Language support	✗	✓	✗	✗	✓	✗	✗	✗	✓
Simplicity	✗	✗	✗	✓	✗	✓	✗	✗	✗
Appeal	✗	✓	✗	✓	✓	✓	✗	✗	✗
Accessibility	✗	✓	✗	✗	✗	✗	✗	✗	✓
Standards	✗	✗	✗	✓	✓	✓	✗	✗	✓
W3c	✗	✓	✗	✓	✓	✓	✗	✗	✓
Speed	✗	✗	✗	✓	✗	✗	✗	✗	✗
Score	0	0.571428571	0	0.714285714	0.571428571	0.571428571	0	0	0.571428571

Other Attributes considered:
none