

#	Project	Description	Programming Language	URL
1	JBNET	JBoss Network is a value add service offering for JBoss, Inc. customers.		https://issues.jboss.org/projects/JBNET
2	WFCC	Library supporting the shared wildfly-client.xml file.	Java	https://issues.jboss.org/projects/WFCC
3	AAA			https://issues.jboss.org/projects/AAA
4	ENTMQBR			https://issues.jboss.org/projects/ENTMQBR
5	AMQDOC			https://issues.jboss.org/projects/AMQDOC
6	ENTMQIC	High speed switching routers for creating very low latency messaging networks		https://issues.jboss.org/projects/ENTMQIC
7	ENTMQMAAS			https://issues.jboss.org/projects/ENTMQMAAS
8	ACK			https://issues.jboss.org/projects/ACK
9	AEROGear	Gear to get you mobile on JBoss!	JavaScript	https://issues.jboss.org/projects/AEROGear
10	AGDROID			https://issues.jboss.org/projects/AGDROID
11	AGCORDOVA	AeroGear Cordova related issues, tasks, and tracking		https://issues.jboss.org/projects/AGCORDOVA
12	AGDIGGER			https://issues.jboss.org/projects/AGDIGGER
13	AGIOS			https://issues.jboss.org/projects/AGIOS
14	AGJS			https://issues.jboss.org/projects/AGJS
15	AGPUSH			https://issues.jboss.org/projects/AGPUSH
16	AGSEC			https://issues.jboss.org/projects/AGSEC
17	AGSMPLPUSH	PROJECT ARCHIVED - All future related issues to be handled as part of the larger AGPUSH jira project. This project is a Java server side implementation of the SimplePush Protocol specification from Mozilla that describes a JavaScript API and a protocol which allows backend/application developers to send notification messages to their web applications. Originally SimplePush was introduced for Firefox OS but there are plans to establish the API on the desktop and mobile browsers as well.		https://issues.jboss.org/projects/AGSMPLPUSH
18	AGSYNC			https://issues.jboss.org/projects/AGSYNC
19	AGWIN			https://issues.jboss.org/projects/AGWIN
20	AESH	Æsh (Another Extendable Shell) is a Java library that provides an API which allow the programmer to write command-based programs in a terminal-independent manner. Æsh support most GNU Readline features and many different terminal operations.		https://issues.jboss.org/projects/AESH
21	AGOVA	The Social Framework		https://issues.jboss.org/projects/AGOVA
22	AG	The natural database connection pool		https://issues.jboss.org/projects/AG
23	AJSF			https://issues.jboss.org/projects/AJSF
24	ENTMQCL			https://issues.jboss.org/projects/ENTMQCL

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25	ANDIAMO	This JIRA project will track Andiamo specific issues, but will not have assignments for individuals other than myself as the project lead. This is because this initiative is an umbrella initiative that will span many projects and efforts, and the JIRA issues here will be cross linked to the other projects, and the individuals responsible for working those issues will be assigned appropriately within their project.		https://issues.jboss.org/projects/ANDIAMO
26	JBAPACHE	Issues related to integration of Tomcat, Apache Httpd, mod_jk, apr and other Apache projects with JBoss.		https://issues.jboss.org/projects/JBAPACHE
27	APIMAN	The apiman project brings an open source development methodology to API Management, coupling a rich API design & configuration layer with a blazingly fast runtime.		https://issues.jboss.org/projects/APIMAN
28	APIVIZ	APIviz is a JavaDoc doclet which extends the Java standard doclet. It generates comprehensive UML-like class and package diagrams for quick understanding of the overall API structure.		https://issues.jboss.org/projects/APIVIZ
29	AF	AppFormer is a low code platform to develop modern applications. It's a powerful tool for developers that can quickly build applications by mashing up components and connect them.	Java	https://issues.jboss.org/projects/AF
30	JBAS	This project represents the JBoss Application Server versions 6 and earlier.	Java	https://issues.jboss.org/projects/JBAS
31	AS7		Java	https://issues.jboss.org/projects/AS7
32	ARQ	Arquillian is a test harness, which works with JUnit and TestNG to provide deployment of archives to a container. The archives are specified using <code>ShrinkWrap</code>	Java	https://issues.jboss.org/projects/ARQ
33	ARQGRA	Graphene project is designed as enhancement of Selenium project focused on rapid development and usability in Java environment.	Java	https://issues.jboss.org/projects/ARQGRA
34	ARQRUSH	RushEye is tool for automated bulk or on-the-fly inspecting of browser screen images and comparison with predefined image suite. It enables automated visual testing (using Selenium) and minimizes efforts for manual visual testing of applications.		https://issues.jboss.org/projects/ARQRUSH
35	ARTIF	SOA Repository Artifact Model and Protocol (S-RAMP) Implementation		https://issues.jboss.org/projects/ARTIF
36	BLACKTIE		C++	https://issues.jboss.org/projects/BLACKTIE
37	BG			https://issues.jboss.org/projects/BG
38	BGBUILD			https://issues.jboss.org/projects/BGBUILD
39	BGREST			https://issues.jboss.org/projects/BGREST
40	BPMC			https://issues.jboss.org/projects/BPMC

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41	BUILDTRK	BuildTracker is a project, which tracks JBoss community projects, their artifacts, dependencies, licenses, etc. and also provides different types of analysis		https://issues.jboss.org/projects/BUILDTRK
42	BXMSDOC			https://issues.jboss.org/projects/BXMSDOC
43	BYTEMAN	A bytecode injection tool which simplifies development of tests for Java applications using a technique called fault injection.		https://issues.jboss.org/projects/BYTEMAN
44	CANTIERE			https://issues.jboss.org/projects/CANTIERE
45	CAPEWARF			https://issues.jboss.org/projects/CAPEWARF
46	CDI	<p>Issue tracker for the CDI specification</p> <p>Issues are filed with no fix version set. Once assessed by the spec lead, they are scheduled as "TBD" or "1.1 (Proposed)". Issues discussed by the EG and agreed to be fixed for 1.1 are then scheduled as "1.1 (Confirmed)"</p>	Java	https://issues.jboss.org/projects/CDI
47	CDITCK	The CDI TCK project will provide a mechanism to verify compatibility of JSR-299: Contexts and Dependency Injection for Java EE implementations and containers with the CDI specification. The purpose of the CDI specification is to unify the JSF managed bean component model with the EJB component model, resulting in a significantly simplified programming model for web-based applications.	Java	https://issues.jboss.org/projects/CDITCK
48	CIRRAS			https://issues.jboss.org/projects/CIRRAS
49	CLASSPOOL	Custom Classpool implementation for Javassist usage.		https://issues.jboss.org/projects/CLASSPOOL
50	SEAMFP	Seam Feature Pack is productized Seam community project . It is aimed to bring new features from community project to JBoss Enterprise Platform 4.3.		https://issues.jboss.org/projects/SEAMFP
51	CLOUD			https://issues.jboss.org/projects/CLOUD
52	JBINTER			https://issues.jboss.org/projects/JBINTER
53	COOLINGTOWER	The PaaS Turkey system: jboss.org/stormgrind/projects/coolingtower		https://issues.jboss.org/projects/COOLINGTOWER

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54	DASHBUILDER	<h1>Dashbuilder is a general purpose dashboard and reporting platform</h1> <h3>Main features</h3> Visual configuration and personalization of dashboards Support for different types of visualizations using several charting libraries Full featured editor for the definition of chart visualizations Definition of interactive report tables Data extraction from external systems, through different protocols Support for both analytics and real-time dashboards <h3>Architecture</h3> Not tied to any chart rendering technology. Pluggable renderers. No tied to any data storage. Ability to read data from: CSV files, Databases, Elastic Search or a Java generator. Decoupled client & server layers. Ability to build pure lightweight client dashboards. Ability to push & handle data sets on client for better performance. Based on Uberfire, a framework for building rich workbench styled apps on the web. <p>&nbsp;</p> <p>For further information, please visit the project web site dashbuilder.org</p> <p>Licensed under the Apache License, Version 2.0</p>	Java, HTML	https://issues.jboss.org/projects/DASHBUILDE
55	DAVCACHE	The DavCache Project is a WebDAV interface to JBossCache		https://issues.jboss.org/projects/DAVCACHE
56	DBZ	Debezium provides a data streaming platform for change data capture (CDC).	Java	https://issues.jboss.org/projects/DBZ
57	DEVEX		JavaScript	https://issues.jboss.org/projects/DEVEX
58	DEVELOPER	Website related issues for http://developers.redhat.com & http://www.jboss.org		https://issues.jboss.org/projects/DEVELOPER
59	DTF			https://issues.jboss.org/projects/DTF
60	DMR	Dynamic Model Representation library		https://issues.jboss.org/projects/DMR
61	DNA	<p></p>This project has moved to the ModeShape project! Please see the new JIRA.		https://issues.jboss.org/projects/DNA
62	RHDEVDOCS	Documentation for products delivered by the Red Hat Developer Group.		https://issues.jboss.org/projects/RHDEVDOCS
63	JBDOCS	If you have found a problem in a user guide, but don't quite know how to share it, then you've come to the right place. The Documentation (JBDOCS) project is the place report a problem with any user guide in the JBoss Middleware ecosystem. The project is monitored, and your request will always be routed to the correct part of JBoss Middleware so your great idea or suggestion will not be lost.		https://issues.jboss.org/projects/JBDOCS
64	TOOLSDOC			https://issues.jboss.org/projects/TOOLSDOC
65	MPDOC			https://issues.jboss.org/projects/MPDOC

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66	WFKDOC	Issues concerning JBoss Web Framework Kit documentation - kept separate because the work-flow is different from engineering tasks.		https://issues.jboss.org/projects/WFKDOC
67	DROOLS	The Drools project.	Java	https://issues.jboss.org/projects/DROOLS
68	DTGOV	DTGov (Design Time Governance) Overlord subproject		https://issues.jboss.org/projects/DTGOV
69	EAPDOC			https://issues.jboss.org/projects/EAPDOC
70	CHE			https://issues.jboss.org/projects/CHE
71	ERT	Jira project used to mirror bugs.eclipse.org issues so we can use them in sprint boards.		https://issues.jboss.org/projects/ERT
72	EJBTHREE	This project represents the EJB3 implementation for AS 6 and earlier. For the latest EJB3 implementation please go to the AS 7 project.	Java	https://issues.jboss.org/projects/EJBTHREE
73	EJBBOOK			https://issues.jboss.org/projects/EJBBOOK
74	EJBCLIENT	This is the ejb client communication library for AS7 and later versions.	Java	https://issues.jboss.org/projects/EJBCLIENT
75	EMBJOPR	Embedded Jopr is a web-based application for managing and monitoring an instance of JBoss Application Server.		https://issues.jboss.org/projects/EMBJOPR
76	WOLF	The goal of project Wolf is to create a Maven repository for JBoss Enterprise Platforms		https://issues.jboss.org/projects/WOLF
77	ENVERS	*** MOVED *** To Hibernate JIRA: http://opensource.atlassian.com/projects/hibernate/browse/HHH (component: envers)		https://issues.jboss.org/projects/ENVERS
78	ERRAI			https://issues.jboss.org/projects/ERRAI
79	ERPL			https://issues.jboss.org/projects/ERPL
80	ESC	Escalante is a Scala application platform built on top of JBoss Application Server.		https://issues.jboss.org/projects/ESC
81	ESSC			https://issues.jboss.org/projects/ESSC
82	EXOJCR	This JIRA moved to http://jira.exoplatform.org/browse/JCR and is read-only.		https://issues.jboss.org/projects/EXOJCR
83	FABRIC	Fabric8 is an open source provisioning, configuration and management framework for Apache Karaf and Apache ServiceMix		https://issues.jboss.org/projects/FABRIC
84	FH			https://issues.jboss.org/projects/FH
85	RAINCATCH			https://issues.jboss.org/projects/RAINCATCH
86	ETOOLS	FUSE Eclipse Tools provide support for developers constructing applications, services and routes using FUSE's runtime technologies.		https://issues.jboss.org/projects/ETOOLS
87	FORGE	A core framework for rapid-application development in a standards-based environment. Plugins / incremental project enhancement for Java EE, and more.	Java	https://issues.jboss.org/projects/FORGE
88	FORGEPLUGINS	Issue tracker for the Forge Plugins/Addons	Java	https://issues.jboss.org/projects/FORGEPLUGINS
89	FORGEDP	Tools and stylesheets used to publish DocBook XML content to HTML, PDF, Eclipse, and EPub. The tools are packaged to make setting up a DocBook XML library for Forge projects easy.		https://issues.jboss.org/projects/FORGEDP

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90	FURNACE	A lightweight modular, multi-threaded services container.	Java	https://issues.iboss.org/projects/FURNACE
91	ESBAUDIT	A web-based exchange auditing feature for FUSE ESB using a JCR repository to store the exchange data.		https://issues.iboss.org/projects/ESBAUDIT
92	ESBSYSTEMTESTS	System tests for FUSE ESB		https://issues.iboss.org/projects/ESBSYSTEMTESTS
93	FUSEFORGE	FUSE Forge is a project infrastructure provisioning system. It automates and deploying issue trackers, wiki spaces, source repositories, forums and website spaces that are tightly integrated using common authentication and centralized administration.		https://issues.iboss.org/projects/FUSEFORGE
94	MVNPLUGINS	A collection of handy Maven Plugins.		https://issues.iboss.org/projects/MVNPLUGINS
95	JANSI	Jansi is a small java library that allows you to use ANSI escape sequences in your Java console applications. It implements ANSI support on platforms which don't support it like Windows and provides graceful degradation for when output is being sent to output devices which cannot support ANSI sequences.		https://issues.iboss.org/projects/JANSI
96	JMSTESTER	The JMS Testframework is a Spring based framework to construct JMS test cases. The general idea is to load the JMS broker with a well defined load profile over a period of time instead of running "as fast as possible". The profile might simulate a constant messaging rate and also simulate peaks. Producers and Consumers are embedded in a Spring Framework, so that they can easily be replaced or extended. The Framework will also record the metrics to a file, which could be visualized by appropriate post processors. This design allows the tester to tune the JMS environment specifically for a certain load scenario. Helper classes exist to fire up an ActiveMQ broker embedded within the JVM, but the Framework as such is exclusively using the standard JMS API's.		https://issues.iboss.org/projects/JMSTESTER
97	MESHKEEPER	MeshKeeper is a platform of services that allow Java applications to discover, launch, coordinate, and control remote processes across a grid of computers.		https://issues.iboss.org/projects/MESHKEEPER
98	MOP	cleans up your Java classpath mess - easily run any Java application from the command line		https://issues.iboss.org/projects/MOP
99	RMIVIAJMS	RMI via JMS is a small java library that allows you to do Java Remote Method Invocations (RMI) via a Java Message Service (JMS) provider like ActiveMQ.		https://issues.iboss.org/projects/RMIVIAJMS
100	SCALATE	NOTE JIRA is deprecated! please use the Scalate Issue Tracker instead		https://issues.iboss.org/projects/SCALATE
101	STOMP	Home of the new STOMP 1.1 specification and a collection of STOMP clients		https://issues.iboss.org/projects/STOMP
102	FORGEPAK	Forge Package (Fpak) is a template processing infrastructure used by Seam Forge		https://issues.iboss.org/projects/FORGEPAK

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103	FMOD	<h3>Welcome to your project</h3> <p>Everything you need to know about how your project is running is tracked on this page. As your project evolves, the information will be updated. Use the tabs on the left to navigate within your project.</p> <h4>Describe your project here</h4> <p>Change the project description to include details about your project.</p>		https://issues.jboss.org/projects/FMOD
104	FRESH	Free shell console for JBoss AS, JBoss Embedded, or any JBoss Microcontainer based platform.		https://issues.jboss.org/projects/FRESH
105	JBFSWDOC			https://issues.jboss.org/projects/JBFSWDOC
106	FAB	Issues related to Fuse Bundles		https://issues.jboss.org/projects/FAB
107	ESB	Based on Apache ServiceMix, FUSE ESB provides a standardized methodology, server, and tools to deploy integration components, freeing architects from the dependencies that have traditionally locked enterprises into proprietary middleware stacks.
 FUSE ESB enables organizations to achieve their service oriented architecture (SOA) objectives with a proven open source solution for enterprise integration. FUSE ESB does more than provide an integrated architecture; it gives your IT organization the control and agility you need to effectively manage evolving technology requirements and realize new market opportunities.		https://issues.jboss.org/projects/ESB
108	HQ			https://issues.jboss.org/projects/HQ
109	OSFUSE		HTML	https://issues.jboss.org/projects/OSFUSE
110	FUSEJON			https://issues.jboss.org/projects/FUSEJON
111	FMC	Fuse Management Console provides a web based console for managing ESB containers		https://issues.jboss.org/projects/FMC
112	MR	FUSE Mediation Router, Progress's distribution of Apache Camel, is a powerful rule-based routing and process mediation engine that combines the ease of basic POJO development with the clarity of the standard Enterprise Integration Patterns. It can be deployed inside any container or be used stand-alone, and works directly with any kind of transport or messaging model to rapidly integrate existing services and applications.		https://issues.jboss.org/projects/MR
113	MB	FUSE Message Broker, the FuseSource distribution of Apache ActiveMQ, is the JMS platform of choice, providing high performance, unlimited scalability, and mission-critical reliability for distributed enterprise computing. FUSE Message Broker is a truly cost-effective and flexible messaging platform for reliably executing transactions and moving data, efficiently scaling operations, and connecting processes across heterogeneous database and application environments.		https://issues.jboss.org/projects/MB
114	FPR	<h1>Out of Date</h1> Issues have moved to GitHub		https://issues.jboss.org/projects/FPR

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115	SF	The FUSE Services Framework is a pluggable service framework based on the Apache CXF project, and it provides the easiest environment available for Java developers to create Web services. The FUSE Services Framework is the only services framework that fully implements the JAX-WS 2.0 specification, radically simplifying the process of exposing existing Java code as a Web service or writing new Web services. The FUSE Services Framework enables developers build high-performance Web services that are scalable, secure, and robust in minutes, freeing them to concentrate on the core aspects of their applications.		https://issues.iboss.org/projects/SF
116	FUSEDODC			https://issues.iboss.org/projects/FUSEDODC
117	FUSECDC	Fuse Custom Distribution Creator		https://issues.iboss.org/projects/FUSECDC
118	GADGETS		Java	https://issues.iboss.org/projects/GADGETS
119	GTNCOMMON			https://issues.iboss.org/projects/GTNCOMMON
120	GTNMGMT			https://issues.iboss.org/projects/GTNMGMT
121	GTNMAVEN			https://issues.iboss.org/projects/GTNMAVEN
122	GTNMOP			https://issues.iboss.org/projects/GTNMOP
123	GTNPORTAL			https://issues.iboss.org/projects/GTNPORTAL
124	GTNPC			https://issues.iboss.org/projects/GTNPC
125	GTNSSO			https://issues.iboss.org/projects/GTNSSO
126	GTNUXP	Important notice This project's issue tracking is only there to report issues and not to search for changelog or existing issues. At this time, GateIn UXP is made of several components which have their issue tracking system on https://jira.exoplatform.org/secure/Dashboard.jspa. Tickets created here will be duplicated on this other system, but tickets created on the other system will not be duplicated here. You can use either of the system but we encourage you to use the https://jira.exoplatform.org/secure/Dashboard.jspa as it will reduce our process. If you are unsure which component is affected, report here and we'll route it for you.		https://issues.iboss.org/projects/GTNUXP
127	GTNWCM	GateIn Simple Web Content Management		https://issues.iboss.org/projects/GTNWCM
128	GTNWC			https://issues.iboss.org/projects/GTNWC
129	GTNWSRP			https://issues.iboss.org/projects/GTNWSRP
130	GRAVEL			https://issues.iboss.org/projects/GRAVEL
131	GUVNOR	Guvnor is one of the components supporting web tooling for Drools and jBPM. This JIRA project can be used for any issues relating to Drools web tooling. See http://blog.athico.com/2013/06/goodbye-guvnor-hello-drools-workbench.html for details.	Java	https://issues.iboss.org/projects/GUVNOR
132	GUVNORSOA			https://issues.iboss.org/projects/GUVNORSOA
133	HAL	Wildfly & EAP Management Console		https://issues.iboss.org/projects/HAL

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134	HAWKULAR	Integration project for the Hawkular monitoring and management project.	Java	https://issues.jboss.org/projects/HAWKULAR
135	HWKAGENT	Code that provides monitoring of WildFly instances	Java	https://issues.jboss.org/projects/HWKAGENT
136	HWKALERTS		Java	https://issues.jboss.org/projects/HWKALERTS
137	HWKAPM		Java	https://issues.jboss.org/projects/HWKAPM
138	HAWKUAPMQE			https://issues.jboss.org/projects/HAWKUAPMQE
139	HWKINVENT		TypeScript	https://issues.jboss.org/projects/HWKINVENT
140	HWKMETRICS	Metrics as a Service	Java	https://issues.jboss.org/projects/HWKMETRICS
141	HAWKULARQE			https://issues.jboss.org/projects/HAWKULARQE
142	HIBERNATE	This project is to be used for reporting and tracking of issues pertaining to the integration of Hibernate with JBoss projects (mainly JBoss AS). For issues with Hibernate itself, use http://opensource.atlassian.com/projects/hibernate instead.		https://issues.jboss.org/projects/HIBERNATE
143	HORNETQ	Putting the buzz in messaging	Java	https://issues.jboss.org/projects/HORNETQ
144	HRCPP			https://issues.jboss.org/projects/HRCPP
145	IMMUTANT	An application server for Clojure	Clojure	https://issues.jboss.org/projects/IMMUTANT
146	ISPN	Open source highly scalable data grid platform	Java	https://issues.jboss.org/projects/ISPN
147	IHDP			https://issues.jboss.org/projects/IHDP
148	HRJS			https://issues.jboss.org/projects/HRJS
149	IPROTO			https://issues.jboss.org/projects/IPROTO
150	ISPRK			https://issues.jboss.org/projects/ISPRK
151	IPAAS	Red Hat iPaaS product		https://issues.jboss.org/projects/IPAAS
152	JBICA	A POJO based implementation of the JCA 1.7 specification as well as a JDBC resource adapter.		https://issues.jboss.org/projects/JBICA
153	JIRA	Project used to track issues for JIRA instance hosted at https://issues.jboss.org		https://issues.jboss.org/projects/JIRA
154	JANDEX	Java Annotation Indexer & offline reflection		https://issues.jboss.org/projects/JANDEX
155	JASSIST	Javassist (Java programming assistant) is a class library for editing Java bytecode in Java; it enables Java programs to define a new class at runtime and to modify a class file before the JVM loads it.	Java	https://issues.jboss.org/projects/JASSIST
156	JBERET			https://issues.jboss.org/projects/JBERET
157	ENTMQ			https://issues.jboss.org/projects/ENTMQ
158	JBADMCON	The JBoss Admin Console offers a user friendly interface that enables system administrators to setup services running on the JBoss platform.		https://issues.jboss.org/projects/JBADMCON
159	JBAOP	Please review the template project and its related documentation for the recommended project management practices. http://jira.jboss.com/jira/browse/JBTPL		https://issues.jboss.org/projects/JBAOP
160	JBASMP	JBoss AS Maven Plugins	Java	https://issues.jboss.org/projects/JBASMP
161	ASPATCH	The issues included in JBoss AS patches, released via the JBoss Operations Network. Note that this is only used for JBoss AS 4.		https://issues.jboss.org/projects/ASPATCH

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162	JBASM	Utility library for managing JBoss AS instances for testing purposes		https://issues.jboss.org/projects/JBASM
163	JBASPECT	The JBoss Aspects Project		https://issues.jboss.org/projects/JBASPECT
164	JBENCH	Benchmarking is an important aspect of the QA cycle. This project aims to develop tools, metrics and benchmarking methodologies for JBoss products.		https://issues.jboss.org/projects/JBBENCH
165	JBBLOG	The JBoss Blog portlet project.		https://issues.jboss.org/projects/JBBLOG
166	JBBOOT			https://issues.jboss.org/projects/JBBOOT
167	RHBPMS		Java	https://issues.jboss.org/projects/RHBPMS
168	RHBRMS		Java	https://issues.jboss.org/projects/RHBRMS
169	JBBUILD	JBoss project builds and the JBoss Maven repository.		https://issues.jboss.org/projects/JBBUILD
170	JBCACHE	A replicated, transactional, persistent and structured cache service.		https://issues.jboss.org/projects/JBCACHE
171	FUSETOOLS	Eclipse tooling for working with Fuse and Camel	Java	https://issues.jboss.org/projects/FUSETOOLS
172	JBCL	JBoss OSGi style ClassLoading Previous releases can be in the Microcontainer project under "General"	Java	https://issues.jboss.org/projects/JBCL
173	JBCLUSTER	A cross cutting project encompassing clustering issues related to common clustering utilities and clustering layer integration.		https://issues.jboss.org/projects/JBCLUSTER
174	JBCOMMON	The JBoss Common project	Java	https://issues.jboss.org/projects/JBCOMMON
175	JBCS	Apache HTTP Server, JSVC and more.		https://issues.jboss.org/projects/JBCS
176	JDG			https://issues.jboss.org/projects/JDG
177	JBDEPLOY	JBoss Deployment Framework		https://issues.jboss.org/projects/JBDEPLOY
178	JDF	JBoss Developer shows you how to write applications using JBoss technologies. Want to learn how to write an application suitable for mobile? Learn how to use the Java EE 6 API with JBoss AS? Learn how to add the power of CDI to your browser? Then you are in the right place.	Shell	https://issues.jboss.org/projects/JDF
179	JDVDOC	Issues concerning JBoss Data Virtualization documentation - kept separate because the work-flow is different from engineering tasks.		https://issues.jboss.org/projects/JDVDOC
180	EMB			https://issues.jboss.org/projects/EMB
181	JBEAP	JBoss Enterprise Application Platform: Cloud-ready, market-leading enterprise platform for next-generation, highly transactional enterprise Java applications	Java	https://issues.jboss.org/projects/JBEAP
182	JBPAPP	Application Edition of the JBoss Enterprise Platform versions 4 and 5	Java	https://issues.jboss.org/projects/JBPAPP
183	JBPAPP6	Application Edition of the JBoss Enterprise Platform - version 6 Issue tracker for this project has been moved to: Red Hat Bugzilla	Java	https://issues.jboss.org/projects/JBPAPP6
184	BRMS	Issue tracker for this project has moved to: Red Hat Bugzilla	Java	https://issues.jboss.org/projects/BRMS
185	EDG	Issue tracker for this project has moved to: Red Hat Bugzilla		https://issues.jboss.org/projects/EDG

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186	JBEPP	Issue tracker for JBoss EPP has moved to: Red Hat Bugzilla		https://issues.jboss.org/projects/JBEPP
187	SOA	Issue tracker for this project has moved to: Red Hat Bugzilla	Java	https://issues.jboss.org/projects/SOA
188	JBEWS	Issue tracker for this project has been moved to: Red Hat Bugzilla		https://issues.jboss.org/projects/JBEWS
189	JBWFK	Issue tracker for this project has moved to: Red Hat Bugzilla		https://issues.jboss.org/projects/JBWFK
190	JBESB			https://issues.jboss.org/projects/JBESB
191	JBSSO	The JBoss Single Sign On project.		https://issues.jboss.org/projects/JBSSO
192	JBFORUMS	The JBoss Forums is a portlet designed for the JBoss Portal product.		https://issues.jboss.org/projects/JBFORUMS
193	ENTESB			https://issues.jboss.org/projects/ENTESB
194	JBGENETIC	Fast bridge between Java VM and .NET Runtime		https://issues.jboss.org/projects/JBGENETIC
195	JBID			https://issues.jboss.org/projects/JBID
196	JBINV	JBoss Invocation, a sub-project of JBoss AS/WildFly.		https://issues.jboss.org/projects/JBINV
197	JBJAAE	The JBoss JAAE Project - A subproject of JBoss Security. JAAE = (JBoss Application Authorization Engine)		https://issues.jboss.org/projects/JBJAAE
198	JBEE	The collection of Java EE Specification APIs	Java	https://issues.jboss.org/projects/JBEE
199	JAXR			https://issues.jboss.org/projects/JAXR
200	JBJMX	Do not raise new issues here. This project records legacy issues from the original JBossMX development. Use the JBMX project for new issues.		https://issues.jboss.org/projects/JBJMX
201	JBJPA	This project represents the JPA integration implementation for AS 6 and earlier. For the latest JPA integration implementation please go to the AS 7 project.	Java	https://issues.jboss.org/projects/JBJPA
202	JBKERNEL			https://issues.jboss.org/projects/JBKERNEL
203	JBLAB	The JBoss Labs project management, hosting, and incubator program.		https://issues.jboss.org/projects/JBLAB
204	LOGMGR			https://issues.jboss.org/projects/LOGMGR
205	JBLOGGING	The JBoss Common Logging project		https://issues.jboss.org/projects/JBLOGGING
206	JBMAIL			https://issues.jboss.org/projects/JBMAIL
207	JBMAN	Abstraction for describing managed objects		https://issues.jboss.org/projects/JBMAN
208	JBMAR			https://issues.jboss.org/projects/JBMAR
209	MASS			https://issues.jboss.org/projects/MASS
210	JBMESSAGING			https://issues.jboss.org/projects/JBMESSAGING
211	JBMETA	The common JavaEE metadata classes used across different modules (AS, EJB3, ...)	Java	https://issues.jboss.org/projects/JBMETA
212	JBMDR	This project has been split out from the MicroContainer project. Previous issues can be found in the JBMICROCONT project with component name MetaData		https://issues.jboss.org/projects/JBMDR
213	JBMICROCONT	The new generation micro container based on AOP and POJO.		https://issues.jboss.org/projects/JBMICROCONT

#	Project	Description	Programming Language	URL
214	JBMCINT			https://issues.jboss.org/projects/JBMCINT
215	JBMCSCAN			https://issues.jboss.org/projects/JBMCSCAN
216	JBMCCTOOL			https://issues.jboss.org/projects/JBMCCTOOL
217	MODULES		Java	https://issues.jboss.org/projects/MODULES
218	JBNAME	The JBoss Naming Project broken out of JBoss AS (includes jnpserver & jnp-client)		https://issues.jboss.org/projects/JBNAME
219	JBNATIVE	Portable Java VM interface to OS native code.		https://issues.jboss.org/projects/JBNATIVE
220	JBNADM	The JBoss Network Administration console and infrastructure.		https://issues.jboss.org/projects/JBNADM
221	JBNMAN	JBoss Network Management project.		https://issues.jboss.org/projects/JBNMAN
222	JBNDIST	JBoss Network Software Distribution. Includes patch management and software distribution items for the JBoss Network.		https://issues.jboss.org/projects/JBNDIST
223	JBNCERT	This project encompasses the tools and practices for JBoss Application Certification as part of the JBoss Network program.		https://issues.jboss.org/projects/JBNCERT
224	JBOSGI	JBoss OSGi is the umbrella project for OSGi related activities. Developer discussion on freenode IRC #jboss-gi <p><p> Download User Guide Source </p>		https://issues.jboss.org/projects/JBOSGI
225	PCACHE	JBoss POJO Cache		https://issues.jboss.org/projects/PCACHE
226	JBPORTAL	JBoss Portal is the next generation open source portal framework from JBoss. It is entirely standards-based and supports the JSR-168 Portlet specification, which allows you to easily plug-in standards-compliant modules to meet your specific Portal needs.		https://issues.jboss.org/projects/JBPORTAL
227	JBPROFILE	The Profile Service project provides profile and management capabilities for JBoss Application Server.		https://issues.jboss.org/projects/JBPROFILE
228	JBPROFILER	JBoss Profiler allows monitoring of key operating metrics such as CPU and memory in production environment. Subsequently it offers tools for analysis and troubleshooting of enterprise applications based on statistics collected in production. While many tools focus on development time application profiling, generally they do not address memory leaks and CPU spike problems that occur sporadically in production after days of normal operation. JBoss Profiler is an aspect applied at the JBoss MicroContainer level and is specifically tuned for low impact, high value data collection.		https://issues.jboss.org/projects/JBPROFILER
229	JBTPL	A generic template for new JBoss projects. Follow the link of the project URL to read more about the recommended JBoss development process.		https://issues.jboss.org/projects/JBTPL

#	Project	Description	Programming Language	URL
230	JBREFLECT	JBoss Reflection api for ClassInfo and BeanInfo abstractions. This work was originally in the Microcontainer (and is originally based on some AOP code). Previous release information can be in the Microcontainer project under component "container"		https://issues.jboss.org/projects/JBREFLECT
231	JBREFLEX	Java Reflection bridge for obtaining reflective information about classes and object from outside VM.		https://issues.jboss.org/projects/JBREFLEX
232	JBREL	Reliance		https://issues.jboss.org/projects/JBREL
233	RELOADED	JBoss Reloaded is the low-level base of all major upcoming JBoss releases that use MicroContainer and the Virtual Deployer Framework. Be it JBoss EJB 3 Embeddable, JBoss Embedded and of course JBoss Application Server. It's in fact not a really a piece of code, but a means to define said products. JBoss Reloaded Design		https://issues.jboss.org/projects/RELOADED
234	JBREM	The purpose of JBoss Remoting is to provide a single API for most network based invocations and related service that uses pluggable transports and data marshallers. The JBoss Remoting API provides the ability for making synchronous and asynchronous remote calls, push and pull callbacks, and automatic discovery of remoting servers. The intention is to allow for the addition of different transports to fit different needs, yet still maintain the same API for making the remote invocations and only requiring configuration changes, not code changes, to fit these different needs.		https://issues.jboss.org/projects/JBREM
235	REM3	The 3.x (and later) versions of JBoss Remoting.		https://issues.jboss.org/projects/REM3
236	JBRETRO			https://issues.jboss.org/projects/JBRETRO
237	JBSE	An alternative serialization implementation.		https://issues.jboss.org/projects/JBSE
238	CMTOOL		Java	https://issues.jboss.org/projects/CMTOOL
239	JBTEST	JBoss Test Utilities		https://issues.jboss.org/projects/JBTEST
240	JBTHR		Java	https://issues.jboss.org/projects/JBTHR
241	JBTIS	The Integration Stack is an aggregation of Eclipse features and plugins comprised of JBoss tooling in support of Data Virtualization, BRMS/BPMS, Fuse Tooling, SOA Tooling and legacy SOA 5.x development. It is formed by three Maven projects which produce Eclipse p2 update sites, Mylyn discovery update mechanisms augmenting JBoss Central and an aggregation of associated component target dependencies and JBoss Core tooling target dependencies. The p2 update sites are comprised of Final/GA and early-access repositories and offline zips files. The target dependencies take the form of generated .target files (tycho mojo) and a target p2 update repositories split along Final/early-access and community/production lines. The project covers both community (JBTIS), production (JBDSIS) and the target platform.	Java	https://issues.jboss.org/projects/JBTIS

#	Project	Description	Programming Language	URL
242	LOCUS	JBoss Tools Locus is an adjunct to Eclipse Orbit. This project's purpose is to package non-OSGi POJO jars as OSGi bundles (wrapping them with additional metadata) and to publish them to an update site from which they can be consumed by p2 based builds and products.	HTML	https://issues.jboss.org/projects/LOCUS
243	JBTM	The JBoss Transaction Manager project.	Java, C++	https://issues.jboss.org/projects/JBTM
244	JBUNIT			https://issues.jboss.org/projects/JBUNIT
245	JBVFS	JBoss VFS is a Virtual File System abstraction used by the JBoss Microcontainer and Virtual Deployment Framework.	Java	https://issues.jboss.org/projects/JBVFS
246	JBWEB	Enterprise ready web server, based on the Apache Tomcat 6.0. Standalone and embedded in JBoss AS.		https://issues.jboss.org/projects/JBWEB
247	JWS			https://issues.jboss.org/projects/JWS
248	JBWS	<p/> Show my open issues sorted by version. <!-- http://jira.jboss.org/jira/secure/IssueNavigator.jspa?mode=hide&requestId=12310321 -->

 Bug only filters:
 All open bugs
 Native stack open bugs
 CXF stack open bugs
	Java	https://issues.jboss.org/projects/JBWS
249	WFK2	All-in-one solution with enterprise-ready versions of popular open source frameworks.	JavaScript	https://issues.jboss.org/projects/WFK2
250	JBWIKI	A JBoss Labs project to create a JSR 168 Compliant Wiki and leverage JBoss Portal.		https://issues.jboss.org/projects/JBWIKI
251	JBXB	Before populating this project, please review the template and its associated documentation for guidelines on project management with JIRA. http://jira.jboss.com/jira/browse/JBTPL		https://issues.jboss.org/projects/JBXB
252	ORG	<p>Issues related to the development of web applications/services hosted at jboss.org apart from:</p> </p> JIRA Issue Tracker (issues.jboss.org) - use JIRA project Nexus Maven Repository (repository.jboss.org/nexus) - use NEXUS project </p> <p>Story Points
 1, 2, 3 = Before Lunch 5, 8 = 1 or 2 days 13, 20 = 3 to 5 days </p> <p>Epic Points
 40, 60 = 2 or 3 weeks 80, 160 = 1 or 2 months 250, 500 = 1 or 2 quarters 800, 1000 = 3 or 4 quarters </p>	Java	https://issues.jboss.org/projects/ORG
253	JBMX	JBossMX - JBoss's MBeanServer implementation		https://issues.jboss.org/projects/JBMX
254	JBPM	jBPM is a flexible business process management suite.	Java	https://issues.jboss.org/projects/JBPM

#	Project	Description	Programming Language	URL
255	BPEL	Web services orchestrator, compliant with the BPEL (Business Process Execution Language) specification, version 1.1 and 2.0.		https://issues.jboss.org/projects/BPEL
256	GPD	This project is setup to track the Graphical Designer component initially setup under the jBPM top-level project	Java	https://issues.jboss.org/projects/GPD
257	JBRULES	The legacy JIRA project for Drools. Now use DROOLS JIRA project please. 	Java	https://issues.jboss.org/projects/JBRULES
258	JDCOM			https://issues.jboss.org/projects/JDCOM
259	JDP	A source code generation library for Java.		https://issues.jboss.org/projects/JDP
260	JBINSTALL	Installer for JEMS products		https://issues.jboss.org/projects/JBINSTALL
261	JGRP	Please review the template project and its related documentation for the recommended project management practices. http://jira.jboss.com/jira/browse/JBTPL	Java	https://issues.jboss.org/projects/JGRP
262	JIPi			https://issues.jboss.org/projects/JIPi
263	JOPR	Jopr is an enterprise management solution for JBoss middleware projects and other application technologies. This pluggable project provides administration, monitoring, alerting, operational control and configuration in an enterprise setting with fine-grained security and an advanced extension model. This system is based on and plugin-compatible with the multi-vendor RHQ management project. It provides support for monitoring base operating system information on six operating systems as well as mangement of Apache, JBoss Application Server and other related projects. Please do not enter new issues in this project, but use the RHQ Bugzilla located at Bugzilla.red hat.com		https://issues.jboss.org/projects/JOPR
264	JSFSpy	JSFSpy collects and displays information about a JSF application.		https://issues.jboss.org/projects/JSFSpy
265	JSFUNIT	JSF unit-testing framework.		https://issues.jboss.org/projects/JSFUNIT
266	KEYCLOAK		JavaScript	https://issues.jboss.org/projects/KEYCLOAK
267	KOSMOS	This is a set of JSR-168-compliant portlets backed by a server component, to track the evolution of various aspects in a software project: version control, issue tracker, continuous integration builds and dependencies.		https://issues.jboss.org/projects/KOSMOS
268	LIVEOAK			https://issues.jboss.org/projects/LIVEOAK
269	LOGBRIDGE			https://issues.jboss.org/projects/LOGBRIDGE
270	LOGTOOL			https://issues.jboss.org/projects/LOGTOOL
271	LOGTOLOG			https://issues.jboss.org/projects/LOGTOLOG

#	Project	Description	Programming Language	URL
272	MPJDOCBOOK	Issues pertaining to the Maven jDocBook plugin. If you have issue with a particular project's style use whatever JIRA project that project has designated for style issues. For the base JBoss.org styles, use https://jira.jboss.org/browse/PRESSGANG		https://issues.jboss.org/projects/MPJDOCBOOK
273	MTAJZR	A JBoss Labs Semantic Web Project		https://issues.jboss.org/projects/MTAJZR
274	MIGR	JBoss-wide migration effort. Includes tooling, web, IDE support.		https://issues.jboss.org/projects/MIGR
275	MIGRFEED	Project is used to collect end user feedback or missing scenarios from RHAMT tool reports.		https://issues.jboss.org/projects/MIGRFEED
276	MP	Welcome to your project Everything you need to know about how your project is running is tracked on this page. As your project evolves, the information will be updated. Use the tabs on the left to navigate within your project. Describe your project here Change the project description to include details about your project.		https://issues.jboss.org/projects/MP
277	MBT	Testing project for Red Hat Mobile new workflow and automation.		https://issues.jboss.org/projects/MBT
278	MODCLUSTER			https://issues.jboss.org/projects/MODCLUSTER
279	MODE	ModeShape is a lightweight, fast, and pluggable JCR repository that federates and unifies content from multiple systems, including files systems, databases, configuration files, other repositories, services, applications, and data grids. Your applications see and use the standard JCR API, letting ModeShape hide the gory details and work behind the scenes to automatically extract everything it can from your content. ModeShape lets your information take shape so you can make the most of it. <i>ModeShape was formerly called JBoss DNA.</i>	Java	https://issues.jboss.org/projects/MODE
280	MODETOOLS	Eclipse plugins for working with JCR and ModeShape		https://issues.jboss.org/projects/MODETOOLS
281	MSC		Java	https://issues.jboss.org/projects/MSC
282	MSC2			https://issues.jboss.org/projects/MSC2
283	NTA	The project provides tooling for analysing transactions within JBoss EAP and WildFly.	JavaScript	https://issues.jboss.org/projects/NTA
284	NETTY			https://issues.jboss.org/projects/NETTY
285	ONESTOP			https://issues.jboss.org/projects/ONESTOP
286	OSJC	Java client for the OpenShift API.		https://issues.jboss.org/projects/OSJC
287	PLANNER	Planning engine for business resource optimization	Java	https://issues.jboss.org/projects/PLANNER
288	OVERLORD			https://issues.jboss.org/projects/OVERLORD
289	JBANN	Papaki provides a mechanism for scanning archives for annotations and presenting them in a repository. The project also includes various tools to work with annotations.		https://issues.jboss.org/projects/JBANN
290	PERFREPO			https://issues.jboss.org/projects/PERFREPO
291	PER	nosql/bigdata analytics		https://issues.jboss.org/projects/PER

#	Project	Description	Programming Language	URL
292	SECURITY	PicketBox is a Security Framework that provides Authentication, Authorization, Audit and Mapping capabilities for Java Applications. NOTE: If you are interested in federated identity management - then look at Project PicketLink (http://jboss.org/picketlink)	Java	https://issues.jboss.org/projects/SECURITY
293	PLINK	This is the JIRA tracker for the parent project of PICKETLINK. 	Java	https://issues.jboss.org/projects/PLINK
294	PLFED	Please create issues in https://issues.jboss.org/browse/PLINK2		https://issues.jboss.org/projects/PLFED
295	PLIDM			https://issues.jboss.org/projects/PLIDM
296	PLINK2	PLINK2 JIRA project is dedicated for issues for PicketLink v2.0.x and v2.1.x only. For PicketLink v2.5.x and above or creating issues for latest PicketLink, go to PLINK.		https://issues.jboss.org/projects/PLINK2
297	PBR			https://issues.jboss.org/projects/PBR
298	SWAP	JBoss PortletSwap is a community gathering place for JBoss Portal developers to publish and share portlets, themes and layouts.		https://issues.jboss.org/projects/SWAP
299	PRESSGANG	PressGang is the centralized hub all JBoss community projects can use to get assistance with documentation services. If you have any questions about writing professional JBoss project documentation using DocBook XML, you've come to the right place.		https://issues.jboss.org/projects/PRESSGANG
300	AGILA			https://issues.apache.org/jira/projects/AGILA
301	AAR	<p>A project for the nocturnal. Only night time issues may be created and or worked on.</p> <p>This project uses Apache Ant for building; Apache Pig for analysis.		https://issues.apache.org/jira/projects/AAR
302	ABDERA	The Abdera project is an implementation of the Atom Syndication Format (RFC4287) and the Atom Publishing Protocol specifications published by the IETF Atompub working group.		https://issues.apache.org/jira/projects/ABDERA
303	ACCUMULO	Accumulo is a sorted, distributed key/value store based on Google's BigTable design. It is built on top of Apache Hadoop, Zookeeper, and Thrift. It features a few novel improvements on the BigTable design in the form of cell-level access labels and a server-side programming mechanism that can modify key/value pairs at various points in the data management process.		https://issues.apache.org/jira/projects/ACCUMULO
304	ACE	Apache ACE is a software distribution framework that allows you to centrally manage and distribute software components, configuration data and other artifacts to target systems. It is built using OSGi and can be deployed in different topologies. The target systems are usually also OSGi based, but don't have to be.		https://issues.apache.org/jira/projects/ACE
305	ACL	ActiveCluster is an API for writing cluster-based distributed systems		https://issues.apache.org/jira/projects/ACL

#	Project	Description	Programming Language	URL
306	AMQ	Apache ActiveMQ is the most popular and powerful open source Message Broker. Apache ActiveMQ is fast, supports many Cross Language Clients and Protocols and many advanced features while fully supporting JMS 1.1 and J2EE 1.4. Apache ActiveMQ is released under the Apache 2.0 License		https://issues.apache.org/jira/projects/AMQ
307	AMQNET	The .Net and C# project of Apache ActiveMQ		https://issues.apache.org/jira/projects/AMQNET
308	APLO			https://issues.apache.org/jira/projects/APLO
309	ARTEMIS			https://issues.apache.org/jira/projects/ARTEMIS
310	AMQCPP	Provides a native C++ API for clients to access ActiveMQ		https://issues.apache.org/jira/projects/AMQCPP
311	AMQCLI			https://issues.apache.org/jira/projects/AMQCLI
312	OPENWIRE			https://issues.apache.org/jira/projects/OPENWIRE
313	BLAZE	Messaging framework to meet the needs of low latency high throughput collaborative real-time applications.		https://issues.apache.org/jira/projects/BLAZE
314	ADDR	WS-Addressing Implementation		https://issues.apache.org/jira/projects/ADDR
315	AIRAVATA	Airavata is a software toolkit for executing and managing computational jobs on distributed computing resources including local clusters, supercomputers, national grids, academic and commercial clouds. Users can use Airavata back end services and build web interfaces to deploy in open social containers such as Apache Rave and modify them to suit their needs. Airavata builds on general concepts of service oriented computing, distributed messaging, and workflow composition and orchestration.		https://issues.apache.org/jira/projects/AIRAVATA
316	ALOIS	ALOIS is a log collection and correlation software with reporting and alarming functionalities		https://issues.apache.org/jira/projects/ALOIS
317	ARMI	Alternative to RMI.		https://issues.apache.org/jira/projects/ARMI
318	AMBARI	Ambari is a monitoring, administration and lifecycle management project for Apache Hadoop clusters.		https://issues.apache.org/jira/projects/AMBARI
319	AMBER	Amber is a Java development framework mainly aimed to build OAuth-aware applications. ** This project is retired **		https://issues.apache.org/jira/projects/AMBER
320	ANAKIA	Anakia uses Apache Velocity to generate documents based on XML source files.		https://issues.apache.org/jira/projects/ANAKIA
321	ANNO			https://issues.apache.org/jira/projects/ANNO
322	AIRFLOW		Python	https://issues.apache.org/jira/projects/AIRFLOW
323	ANY23	Anything To Triples (any23) is a library, a web service and a command line tool that extracts structured data in RDF format from a variety of Web documents.	Java	https://issues.apache.org/jira/projects/ANY23
324	APEXCORE			https://issues.apache.org/jira/projects/APEXCORE
325	APEXMALHAR			https://issues.apache.org/jira/projects/APEXMALHAR
326	ARROW			https://issues.apache.org/jira/projects/ARROW

#	Project	Description	Programming Language	URL
327	ASTERIXDB	The AsterixDB semi-structured parallel data management platform.		https://issues.apache.org/jira/projects/ASTERIXDB
328	AWF			https://issues.apache.org/jira/projects/AWF
329	BLUR			https://issues.apache.org/jira/projects/BLUR
330	CMDA	This project has retired. The Climate Model Diagnostic Analyzer (CMDA) provides web services for multi-aspect physics-based and phenomenon-oriented climate model performance evaluation and diagnosis through the comprehensive and synergistic use of multiple observational data, reanalysis data, and model outputs.		https://issues.apache.org/jira/projects/CMDA
331	COMMONSRDF	Commons RDF aims to provide a common library for RDF 1.1 that could be implemented by systems on the Java Virtual Machine.		https://issues.apache.org/jira/projects/COMMONSRDF
332	CONCERTED	This project is retired Apache Concerted is a Do-It-Yourself toolkit for building in-memory data engines.		https://issues.apache.org/jira/projects/CONCERTED
333	CB	Apache Cordova is a platform for building native mobile applications using HTML, CSS and JavaScript.		https://issues.apache.org/jira/projects/CB
334	CURATOR	Welcometocurator Welcome to Curator Curator is a set of Java libraries that make using Apache ZooKeeper much easier. While ZooKeeper comes bundled with a Java client, using the client is non-trivial and error prone.		https://issues.apache.org/jira/projects/CURATOR
335	DIRECTMEMORY	DirectMemory's main purpose is to act as a second level cache able to store large amounts of data without filling up the Java heap and thus avoiding long garbage collection cycles.		https://issues.apache.org/jira/projects/DIRECTMEMORY
336	DRILL	Drill is a distributed system for interactive analysis of large-scale datasets, inspired by Google's Dremel.		https://issues.apache.org/jira/projects/DRILL
337	FINERACT	Apache Fineract (\ˈfɪn-,ə-,rækt\) is an open source system for core banking as a platform. Fineract provides a reliable, robust, and affordable solution for entrepreneurs, financial institutions, and service providers to offer financial services to the world's 2 billion underbanked and unbanked.		https://issues.apache.org/jira/projects/FINERACT
338	FLEX			https://issues.apache.org/jira/projects/FLEX
339	FREEMARKER	This is the new issue tracker for this project, since 2015 October. See earlier issues at: https://sourceforge.net/p/freemarker/bugs/ and https://sourceforge.net/p/freemarker/feature-requests/		https://issues.apache.org/jira/projects/FREEMARKER
340	GEARPUMP	Apache Gearpump is a lightweight real-time streaming engine built on top of Akka.		https://issues.apache.org/jira/projects/GEARPUMP
341	GOBBLIN			https://issues.apache.org/jira/projects/GOBBLIN

#	Project	Description	Programming Language	URL
342	GORA	Apache Gora is an open source framework providing an in memory data model and persistence for big data. Gora supports persisting to column stores, key value stores, document stores and RDBMSs, and analyzing the data with extensive Hadoop MapReduce support.		https://issues.apache.org/jira/projects/GORA
343	HAWQ			https://issues.apache.org/jira/projects/HAWQ
344	HELIX	Apache Helix is a generic cluster management framework used for the automatic management of partitioned, replicated and distributed resources hosted on a cluster of nodes. Helix automates reassignment of resources in the face of node failure and recovery, cluster expansion, and reconfiguration.		https://issues.apache.org/jira/projects/HELIX
345	HORN	The Apache Horn is an Apache Incubating project, a neuron-centric programming model and Sync and Async hybrid distributed training framework, supports both data and model parallelism for training large models with massive datasets. Unlike most systems having matrix approach to neural network training, Horn adopted the the neuron-centric model which enables training large-scale deep learning on highly scalable CPU cluster. In the future, we plan also to support GPU accelerations for heterogeneous devices.		https://issues/apache.org/jira/projects/HORN