



# IBM Services knows open source

Reduce complexity and consolidate support  
for any open source environment

**We have expertise in open source software for your entire application stack, DevSecOps and modern data management—from the platform to your gateways.**

Open source technology has become an integral component for driving faster business outcomes and innovation. Companies are seeing the value of open source software for running their mission-critical and enterprise-scale applications, often at less cost than commercial options. As more cloud-based applications power business operations, open source packages are becoming key to infrastructure choice.

This document lists the community-based, free-licensed open source software that we currently support.

## Application stack



Adopt Open JDK	Drupal	phpBB
Alfresco	Express	Postfix
Angular	GlassFish	RabbitMQ
Apache ActiveMQ	HAProxy	ReactJS
Apache Artemis	Jetty	Rocket.Chat
Apache Axis2	JGroups	Ruby on Rails
Apache Camel	Joomla!	Sendmail
Apache CXF	jQuery	Spring Batch
Apache HTTP Server	JSCh	Spring Boot
Apache Kafka	lighttpd	Spring Cloud
Apache Karaf	Loopback	Spring Framework
Apache POI	Magento	Spring LDAP
Apache ServiceMix	Netgate Pfsense	Spring Security
Apache Tomcat	Netty	Spring Web Flow
Apache TomEE	NGINX	Spring Web Services
Apache XMLRPC	OpenJ9	Squid
Apigility	OpenJDK	Wildfly
asterisk	OpenSSL	WordPress
Drools	Oracle Java	Redux

## Data platforms



Apache Cassandra	jTDS	pg_reporter
Apache CouchDB	Keras	pg_rman
Apache Derby	MariaDB	pg_statsinfo
Apache Hadoop	Matplotlib	pgbackrest
Apache Spark	Memcached	pgpool-ll
Couchbase	MongoDB	phpMyAdmin
Ehcache	MySQL	PostgreSQL
Galera Cluster	NumPy	Redis
Hazelcast	OpenStack TROVE	Slony-I
HSQldb	pg_bulkload	SQLite
InfluxDB	pg_reorg	Tensorflow
Apache Nifi		

## Platform components



Atomic OS	OpenStack BARBICAN	OpenStack NOVA
CentOS	OpenStack CINDER	OpenStack OCTAVIA
CephFS	OpenStack CLOUDKITTY	OpenStack RALLY
containerd	OpenStack CONGRESS	OpenStack SWIFT
CoreOS	OpenStack DESIGNATE	OpenStack TACKER
curl	OpenStack FREEZER	OpenStack WATCHER
Debian	OpenStack GLANCE	OpenSUSE
Docker	OpenStack HEAT	Oracle Linux
GlusterFS	OpenStack HORIZON	oVirt
Helm	OpenStack IRONIC	Pacemaker
ISTIO	OpenStack KEYSTONE	QEMU
Kubernetes	OpenStack MANILA	Samba
KVM	OpenStack MONASCA	SELinux
OKD	OpenStack NEUTRON	
CRI-O	MinIO	

## DevSecOps



389DirectoryServer	Free IPA	NetBeans
Anaconda	Gawk	Nikto
Ansible	Git	Nmap
Apache Ant	GitLab	Node-Red
Apache Commons	GNU Compiler Collection	Node.js
Apache Jackrabbit	GNU Privacy Guard	OpenJPA
Apache Jmeter	Gradle	OpenLDAP
Apache jUDDI	Grafana	OpenStack ANSIBLE
Apache log4j	Grails	OpenStack CEILOMETER
Apache Maven	Graylog	OpenVAS
Apache MyFaces	GZip	OpenVPN
Apache Solr	HashiCorp Consul	Perl
Apache Subversion	HashiCorp Terraform	Perl Compatible Regular Expressions (PCRE)
Apache Xerces	HashiCorp Vault	Perl DBD::Oracle module
Apache XML Commons	HawtIO	PHP
Apache XmlSchema	Hibernate	PicketLink
Apache Zookeeper	iText	Pitest
ApacheDS	JasperReports	PM2
Artifactory	Java	Prometheus
AWX	JCAPTCHA	Puppet
Bouncy Castle Crypto APIs	Jenkins	puTTY
c3p0	JLint	pyBrain
CAPTCHA	Jmock	Python
Central Authentication Services (CAS)	Joda-Time	R
cglib	jQuery UI	Relax and Recover (ReaR)
Chef	Json-lib	Ruby
Cmake	jsTree	Selenium
CollabNet Subversion Edge	jTidy	SLF4j
Cucumber	Junit	SniffAir
CVS: Concurrent Versions System	jWebUnit	SoapUI
System	Kibana (ELK)	SonarQube
cvs2svn	Kubespray	Sonatype Nexus
dom4j	libxml2	Spacewalk
Eclipse	Libxslt	sqlmap
Eclipse Memory Analyzer (MAT)	Logback	VisualVM
Elasticsearch (ELK)	Logstash (ELK)	Wireshark
etcd	mockito	Xalan-J
FluentD	MyBatis for Java	Yarn
Calico	MyBatis-Spring	Zabbix
Foreman	Nagios	



## According to a study by Forrester Consulting, 79% of IT leaders struggle with real-time open source support.<sup>1</sup>

Our expertise includes support solutions for the Red Hat® and SUSE product portfolios. We offer open source advisory services to help you gain efficiencies, improve interoperability and optimize your use of open source. We also provide support for your underlying hardware, including IBM Z®, IBM Power® and Intel.

Take action to keep your developers focused on what they do best: develop great code.

To learn more about how IBM's Open Source Support services can help with your open source adoption, read our [eguide](#).



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#### Citations

1 "Unlock Open Source Technology's Full Value", a Forrester Consulting study commissioned by IBM, October 2019.

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