OSS Bird's-eye View 2023 Preliminary Release (Apr. 17, 2023)

Desktop & Business Applications

Desktop
- Avidemux2
- Calibre
- Chromium
- Evolution
- Firefox
- FreeSWITCH
- GNOME
- HandBrake
- KDE
- KeePassXC
- OmegaT
- Parallel ssh
- Pidgin
- Thunderbird
- TigerVNC

BA/BI
- KNOWAGE
- Pentaho
- metabase

Office Suites
- LibreOffice

Specialized Software
- Asterisk
- GeoServer
- Psi
- QGIS
- RED5

Human Resources & Payroll
- MosP

Online Meetings
- BigBlueButton
- Jitsi meet

Group Ware
- Etherpad
- Mattermost
- Rocket.chat

ERP/CRM
- ERP5
- iDempiere

Operation
- LimeSurvey
- NOC

Multi-media
- Audacity
- Blender
- GIMP
- ImageMagick
- Inkscape
- MythTV
- OBS Studio
- openshot
- VLC media player

Big Data

Data Collection
- Apache Flume
- Apache NiFi
- Fluentd

Data Analysis
- Apache Zeppelin
- Jupyter Notebook
- R

Stream Processing
- Apache Flink
- Apache Spark Streaming
- Apache Storm

Crawler
- Apache ManifoldCF
- Apache Nutch

Distributed Processing
- Apache Hadoop
- Apache Spark

Search Engines
- Apache Solr

SQL Query Engines
- Apache Drill
- Apache Hive
- Apache Impala
- Apache Phoenix
- Apache Spark SQL
- Presto

Data Serializers
- Apache Avro
- Apache Parquet

Dashboard
- Grafana

Datastore
- Apache HBase
- Apache Kudu
- GridDB
- Redis
- VoltDB

Operations Management
- Apache Ambari
- Apache Atlas
- Apache Ranger

Messaging
- Apache ActiveMQ
- Apache Kafka
- RabbitMQ

Workflow/Scheduler
- Apache Airflow

AI

Machine-learning
- Apache Spark MLlib
- NumPy
- Pandas
- SciPy
- Scikit-learn

Deep Learning Framework
- Apache MXNet
- Deeplearning4j
- Keras
- PyTorch
- TensorFlow

IoT
- Espruino
- KNIME
- mosquitto
- Node-RED

Blockchain
- Ethereum
- Hyperledger Fabric

Web/AP Server

Web Server
- Apache HTTP Server
- lighttpd
- nginx

AP Server
- Apache Tomcat
- Jetty
- Payara
- Resin
- WildFly

EAI/ESB
- Apache Camel
- Talend Open Studio

Website Construction

CMS
- Alfresco
- Baser CMS
- Concrete5
- Drupal
- iroha Board
- Joomla!
- Liferay Portal
- MediaWiki
- moodle
- Plone
- SHIRASAGI
- SOY CMS
- TYPO3 CMS
- Umbraco-CMS
- WordPress

e-Commerce
- EC-CUBE
- Magento
- osCommerce
- PrestaShop
- WooCommerce
- Zen Cart

Security

IAM
- 389 Directory Server (Fedora Directory Server)
- CAS
- FreeIPA
- FreeRADIUS
- Kerberos
- Keycloak
- LISM
- Midpoint
- Notary
- OpenLDAP
- usermin
- webmin

Encryption
- GNU TLS
- GnuPG
- OpenSSH
- OpenSSL
- OpenVPN
- strongSwan
- Tor

Proxy/Firewalls
- Apache SpamAssassin
- ClamAV
- Envoy
- firewalld
- Iptables
- Linkerd
- MailScanner
- ModSecurity
- nginx
- Squid
- ufw

Access Controler
- AppArmor
- BCC
- OpenPolicyAgaent
- PacketFence
- SELinux
- SMACK

Vulnerability Management
- ACT
- katello
- Metasploit Community Edition
- MISP
- Nikto
- Nmap
- OpenCTI
- OpenSCAP
- OpenVAS
- OWASP ZAP
- radare
- Spacewalk
- Trivy
- Vuls

Log Monitoring
- Ettercap
- Snort
- Suricata
- Zeek

Database

RDBMS
- ClickHouse
- Firebird
- Greenplum
- H2
- MariaDB
- MySQL
- PostgreSQL
- SQLite
- TiDB
- YugabyteDB

DB Clustering
- Pgpool-II
- MySQL Cluster
- Vitess

DB Management
- pgAdmin
- phpMyAdmin
- phpPgAdmin

KVS
- Aerospike
- Ehcache
- etcd
- Hazelcast
- memcached
- Redis

Document-Oriented
- Apache CouchDB
- Couchbase
- Realm

Graph
- Apache Spark GraphX
- ArangoDB
- JanusGraph
- Neo4j
- OrientDB

Timescale
- Graphite
- GridDB
- InfluxDB
- Prometheus
- TimescaleDB
- VictoriaMetrics

Web Database
- Pleasanter

Wide Column
- Apache Cassandra

OS, Virtualization

OS
- AlmaLinux
- Android
- Automotive Grade Linux (AGL)
- CentOS(※1)
- Debian
- Fedora CoreOS
- FreeBSD
- openSUSE
- Fedora
- FreeRTOS
- Ubuntu

Network Virtualization
- Calico
- FD.io
- Flannel
- ONOS
- Open vSwitch
- OpenDaylight

Infrastructure as a Service
- Apache CloudStack
- ManageIQ
- oVirt
- OpenStack
- terraform

Server Virtualization
- Firecracker
- KVM
- Linux Containers (LXC)
- LXD
- Proxmox VE
- QEMU
- Virt-Manager
- VirtualBox
- Xen

Storage Virtualization
- LongHorn
- Ceph
- GlusterFS
- Lustre
- Rook

Service Mesh
- Consul
- Istio
- Kuma
- Linkerd
- Open Service Mesh
- Traefik

Orchestration
- Apache Mesos
- Docker Compose
- Helm
- k3s
- Kubernetes
- Microk8s
- Minikube

Container Runtime
- cri-o
- Docker
- gVisor
- containerd
- Kata Containers
- podman
- runC

Platform as a Service
- CloudFoundry
- Knative
- OKD(OpenShiftOrigin)

Compute as a Service
- KubeVirt

File Server, Mail Server

DNS·DHCP
- BIND
- ISC-DHCP
- NSD
- CoreDNS
- Unbound

System Daemon
- Chrony
- ntpd

POP·IMAP·MTA
- Courier-IMAP
- Dovecot
- Exim
- fml
- MailMan
- Postfix
- sendmail

FTP
- FileZilla
- ProFTPD
- Pure-FTPd
- vsftpd

File Server
- NextCloud
- NFS
- ownCloud
- Samba
- TrueNAS CORE

Development Support

Development Languages
- Amazon Corretto
- Erlang
- GNU Compiler Collection(GCC)
- Go (Golang)
- LLVM
- OpenCOBOL
- OpenJDK
- Perl
- PHP
- PowerShell
- Python
- Ruby
- Rust
- Scala
- Typescript

IDE/Build Support
- Apache Ant
- Apache Maven
- Apache NetBeans
- CheckStyle
- CKEditor
- Eclipse
- Eclipse Che
- Eclipse Theia
- Visual Studio Code
- Eclipse
- Gerrit Code Review
- Gnu DeBugger(GDB)
- Gradle
- SpotBugs
- Visual Studio Code

Project Management
- GanttProject
- Redmine

Test tool
- Apache JMeter
- Jenkins
- JUnit
- Karma
- PMD
- selenide
- Selenium
- Spock
- TestNG
- Valgrind

Reporting
- BIRT
- Doxygen
- JasperReports Open Source Edition

UI Framework
- Angular
- Bootstrap
- d3.js
- Flutter
- jQuery
- JSHint
- React
- Vue.js

Analysis/Generater
- ESLint
- JHipster
- Prettier
- Swagger

Development Frameworks
- .Net Core
- Apache Struts2
- Apache Tapestry
- Django
- Ehcache
- Electron
- gRPC
- Hibernate
- MyBatis
- Next.js
- Node.js
- Nuxt.js
- Quarkus
- Ruby on Rails
- Spring
- Symfony
- The Update Framework (TUF)
- TinyMCE
- webpack
- Zope

Version Control
- Git
- GItea
- GitBucket
- GitLab
- Mercurial

Library
- Apache Log4j
- DPDK
- Matplotlib

Operation Management

Operation Monitoring
- Alertmanager
- Graphite
- Hinemos
- Icinga
- Monit
- Munin
- Nagios
- OpenNMS
- OpenTelemetry
- Pandora FMS
- Prometheus
- RRDTool
- rsyslog
- Sensu Go
- SNMP Trap Translator
- Zabbix

Workflow/Scheduler
- Activiti
- Apache Airflow
- Rundec

Configuration Control
- Ansible
- Chef
- CloudFoundry BOSH
- Cobbler
- oVirt
- Puppet
- Vagrant

HA Cluster
- Apache Zookeeper
- corosync
- DRBD
- Pacemaker

Distributed tracing
- Grafana Tempo
- Jaeger
- OpenTelemetry

Load Balancing
- HAProxy
- VyOS

Network Monitoring
- CACTI
- collectd
- Jaeger
- MRTG
- OpenNMS
- Wireshark

Storage Backup
- Bacula
- rdiff-backup

Logging
- Fluentd
- Logstash
- Logwatch
- rsyslog

Note:
1. This version is an English translation of the OSS Bird's-eye View published in Japanese.
2. CentOS7 support will end by 2024/06/30
3. Some OSS are listed in duplicate categories.
4. Some proprietary licensed software that has not been approved by OSI is not listed.