

OpenKnowledge

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Field	Value
Distribution	BSS — OpenSOF
Product	OpenSOF
Release	0.15.1
Deployment	<code>opensof.bss.dev</code>
Source	<code>/srv/bss/releases/OpenSOF-v0.15.0-20app</code>
Evidence	Catalog intent plus component-scoped static evidence
Source fingerprint	<code>cda583b42f2a0d296b268ab5b174932a378c8be6fb52ffa1af14af896e990f6e</code>
Status	Generated baseline — human review required

“ **Verification boundary:** This page combines platform design guidance with static evidence from the release. It does not prove that every detected interface is enabled, reachable, secure, or operational in the deployed environment.

Purpose

The ontology, RDF and knowledge-graph layer that defines the meaning of entities, relationships, tasks, observations and effects across the platform.

Operational value

Makes data discoverable and machine-actionable across applications, supports SPARQL queries, and gives AI and automation a constrained operational vocabulary.

Differentiators

Semantics are part of the operating core, not a reporting layer added after data has already fragmented into incompatible schemas.

Platform connections

- OpenBus
- OpenTask
- OpenAnalytics
- OpenLLM
- OpenIIA

Release detection

Status	Score	Evidence items
detected	208	12

Evidence type	Source	Match
path	OPENKNOWLEDGE-OPENTASK.md	openknowledge
path	.opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json	openknowledge
path	data/openknowledge-model.json	openknowledge
path	lib/openknowledge-store.js	openknowledge
path	ontology/openknowledge-model.json	openknowledge
content	API.md	openknowledge
content	CHANGELOG.md	openknowledge
content	MERGE-v0.13.1.md	openknowledge
content	OPENBUS.md	openknowledge
content	OPENCOP.md	openknowledge
path	open-knowledge/app.css	open-knowledge
path	open-knowledge/app.js	open-knowledge

Candidate REST/API interfaces

No component-specific REST route was associated by the scanner.

Candidate real-time interfaces

No component-specific WebSocket endpoint was associated by the scanner.

Configuration candidates

Variable	Default	Evidence
<code>BASE_PATH</code>	—	open-rf/app.js, public/open-rf/app.js, third_party/ontowiki/application/scripts/travis/install-services.sh
<code>BLAZEGRAPH</code>	—	third_party/ontowiki/application/scripts/travis/install-services.sh
<code>BUILDPATH</code>	—	third_party/ontowiki/application/scripts/vad/prepare.sh
<code>CATALINA_BASE</code>	—	third_party/ontowiki/application/scripts/travis/install-services.sh
<code>CATALINA_HOME</code>	—	third_party/ontowiki/application/scripts/travis/install-services.sh
<code>CURRENT</code>	—	third_party/ontowiki/application/scripts/vad/prepare.sh
<code>EF_STORE_ADAPTER</code>	—	third_party/ontowiki/application/classes/OnToWiki/Test/IntegrationTestBootstrap.php
<code>E_UNREACHABLE</code>	—	third_party/ontowiki/application/scripts/travis/install-services.sh
<code>FOURSTORE</code>	—	third_party/ontowiki/application/scripts/travis/install-services.sh
<code>FUSEKI</code>	—	third_party/ontowiki/application/scripts/travis/install-services.sh

Variable	Default	Evidence
HOME	/tmp	lib/openllm/pipeline-engine.js, openrf/agent/functions/start-5g-core.sh, openrf/agent/functions/status-5g-core.sh, third_party/ontowiki/.travis.yml
ISQLFILE	—	third_party/ontowiki/application/scripts/vad/prepare.sh
OPENBUS_API_TOKEN	[REDACTED]	OPENKNOWLEDGE-OPENTASK.md, OPENLVC-DEMO.md, OPENLVC-RTI.md, demo_simulator.py
OPEN_SOF	—	OPENKNOWLEDGE-OPENTASK.md
OWHG	—	third_party/ontowiki/application/scripts/makeRelease.sh
PATH	/usr/sbin:/usr/bin:/sbin:/bin	edge/opencybersec/opencybersec_agent.py, lib/openllm/pipeline-engine.js, lib/openllm/util.js, tests/openpnt_agent_smoke_test.py
PHPVERSION	—	third_party/ontowiki/application/scripts/travis/install-extensions.sh
PHP_	—	third_party/ontowiki/application/scripts/travis/install-extensions.sh
PWD	—	third_party/ontowiki/application/scripts/vad/prepare.sh
RESULTFILE	—	third_party/ontowiki/application/scripts/vad/prepare.sh
SESAME	—	third_party/ontowiki/application/scripts/travis/install-services.sh
STICKER	—	third_party/ontowiki/application/scripts/vad/prepare.sh
STICKERBEGIN	—	third_party/ontowiki/application/scripts/vad/prepare.sh
TOMCAT_VERSION	—	third_party/ontowiki/application/scripts/travis/install-services.sh
TRAVIS_PHP_VERSION	—	third_party/ontowiki/application/scripts/travis/install-extensions.sh, third_party/ontowiki/application/scripts/travis/install-services.sh

Variable	Default	Evidence
USER	—	edge/openssa-sensor/SENSOR_INSTALL.md, edge/openssa-sensor/install-demo-sensor.sh, edge/openssa-sensor/install/install-sensor.sh, edge/openssa-sensor/install/update-existing-sensor.sh
VIRTTMP	—	third_party/ontowiki/application/scripts/vad/prepare.sh
VIRTUOSO	—	third_party/ontowiki/application/scripts/travis/install-services.sh
VIRTUOSO_T	—	third_party/ontowiki/application/scripts/vad/prepare.sh

Service candidates

No component-specific service definition was associated by the scanner.

External dependencies/endpoints

Host	URL	Source
192.168.33.10	http://192.168.33.10/	third_party/ontowiki/application/scripts/README-Vagrant.md
3ba.se	http://3ba.se/conferences/	third_party/ontowiki/extensions/themes/silverblue/sandbox/tables.html
3ba.se	http://3ba.se/conferences/AIMSA2006	third_party/ontowiki/extensions/themes/silverblue/sandbox/tables.html
abc	http://abc/	third_party/ontowiki/application/tests/integration/OntoWiki/Model/InstancesIntegrationTest.php
abc	http://abc/	third_party/ontowiki/application/tests/unit/OntoWiki/Model/InstancesTest.php
aimsa2006.inrialpes.fr	http://aimsa2006.inrialpes.fr/	third_party/ontowiki/extensions/themes/silverblue/sandbox/tables.html
aksw.org	http://aksw.org/	third_party/ontowiki/application/Bootstrap.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Component/Exception.php

Host	URL	Source
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Component/Helper.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Controller/ActionHelper/List.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Controller/Base.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Controller/Component.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Controller/Exception.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Controller/Plugin/HttpAuth.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Controller/Plugin/ListSetupHelper.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Controller/Plugin/SetupHelper.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Dispatcher.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Exception.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Extension/Manager.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Http/Exception.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Jobs/Cron.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Menu.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Menu/Registry.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Message.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Model.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Model/Exception.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Model/Hierarchy.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Model/Instances.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Model/Resource.php

Host	URL	Source
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Model/TitleHelper.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Module.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Module/Exception.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Module/Registry.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Navigation.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Pager.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Plugin.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Request.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Resource.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Test/ControllerTestCase.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Test/ExtensionIntegrationTestBootstrap.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Test/ExtensionUnitTestBootstrap.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Test/IntegrationTestBootstrap.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Test/UnitTestBootstrap.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Toolbar.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Url.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Utils.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/Utils/Exception.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/View.php
aksw.org	http://aksw.org/	third_party/ontowiki/application/classes/OntoWiki/View/Helper/Curie.php

Verification checklist

- Confirm the component is included and enabled in this edition/release.
 - Record its authoritative service, process/container, port, base URL and health endpoint.
 - Exercise its primary operator workflow and capture expected versus actual results.
 - Verify authentication, authorization, audit, error behavior and data handling policy.
 - Verify OpenBus/OpenKnowledge relationships and time/provenance metadata where applicable.
 - Document known limitations and the release in which they are corrected.
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Maintainer Notes

Add human-reviewed deployment notes, corrections, decisions, screenshots, and links here.
Content outside the generated block is preserved on future runs.

Revision #1

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