

Software

eagle-i software is available under a [BSD 3 license](#).

Wonder Lake Software offers technical support and software engineering services to organizations wishing to integrate with, customize or extend the eagle-i platform.

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Getting started: for system administrators, install from packaged binaries

System requirements

The current eagle-i network deployment is a reference configuration. In this deployment, eagle-i nodes are VMs with the following configuration:

- RAM: 6 GB
- Disk: 100 GB
- CPU: 2 core
- Operating system: Fedora 14
- Java environment: Sun JDK v. 1.6.0_27, 64 bit
- Servlet container: Tomcat 6 or 7
- RDBMS: MySQL 5.1 (used for logging search usage)
- Mail server: postfix (used to enable resource owner contact feature in Search pages)

In addition, the eagle-i network uses a central server for hosting the central search application and a few other central services. The configuration of the central server is similar to that of the institutional servers.

Download and install eagle-i software

To spin up an [eagle-i node](#), you will need to download: *Repository distribution*, *SWEET webapp*, *Online help webapp* and optionally *Institutional Search webapp*.

For detailed installation guides, see: [Documentation](#)

	Component	Releases	Snapshots (daily builds)	What to download?	Installation
Institution	Repository distribution	Repository releases	Repository snapshots	eagle-i-repository-dist-[version]-dist.zip	Repository Administrator Guide
Institution	SWEET webapp	SWEET releases	SWEET snapshots	eagle-i-webapp-sweet-[version].war	Application Installation guide
Institution	Institutional search webapp	Insitutional search releases	Institutional search snapshots	eagle-i-webapp-institution-[version].war	Application installation guide
Institution	Online help webapp	Help releases	Help snapshots	eagle-i-help-[version].war	Application installation guide
Institution	Data management toolkit	Data management toolkit releases	Data management toolkit snapshots	eagle-i-datatools-datamanagement-[version].jar	Data Management Toolkit Guide
Central	Central search webapp	Central search releases	Central search snapshots	eagle-i-webapp-central-[version].war	
Central	Ontology browser webapp	Ontology browser releases	Ontology browser snapshots	eagle-i-webapp-model-[version].war	Application installation guide

Getting started: for developers

Get the code

Subversion organization overview

Browse the Subversion repository:

Nicer interface:

<https://open.med.harvard.edu/vvc/viewvc.cgi/eagle-i-dev/>

Plain URL:

<https://open.med.harvard.edu/svn/eagle-i-dev/>

Check out the software development trunk:

```
svn co https://open.med.harvard.edu/svn/eagle-i-dev/apps/trunk
```

Check out a release of the software, e.g.:

```
svn co https://open.med.harvard.edu/svn/eagle-i-dev/apps/branches/1.5-MS3.x
```

Check out the data model development trunk:

```
svn co https://open.med.harvard.edu/svn/eagle-i-dev/datamodel/trunk
```

Check out a data model release, e.g.:

```
svn co https://open.med.harvard.edu/svn/eagle-i-dev/datamodel/releases/0.8.2
```

Set up a development environment

The eagle-i source code is a multi-module maven project (see [code organization](#)). Our code is IDE-agnostic, though we've had a good experience using eclipse with the [m2eclipse](#) plugin (standard with the latest version of eclipse):

- After installing m2eclipse, open the eclipse subversion perspective and select "check out as maven project" at the trunk level.
- This will create an eclipse project per maven module
- eagle-i-base contains the root POM. mvn install at this level builds the entire tree.

Alternately, here are some [notes on setting up eclipse for GWT debugging](#) from one of our team members.

Browse the Javadocs

Latest release

<http://search.eagle-i.net/javadoc>

Latest snapshot

<http://qa.search.eagle-i.net/javadoc>

Get the eagle-i resource ontology

<http://code.google.com/p/eagle-i/>

How are we doing?

Is there anything that could be clearer in our documentation? We welcome your [questions and feedback](#).