Eureka Streams

Fedora Installation

Paul Morgan

Eureka Streams Fedora Installation
Edition 0

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This document provides step-by-step instructions for installing a private instance of Eureka Streams from Lockheed Martin. Eureka Streams combines social features to enable employees within your company or organization to collaborate in new ways. Eureka Streams provides features that bring multiple, disparate sources of content into manageable streams.

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Executive Summary

This chapter provides a high-level overview of the project.

1.1. Scope

This document provides detailed instructions for installing Eureka Streams on Fedora Linux. The instructions probably relate closely to the steps needed to install on other distributions, such as Red Hat Enterprise Linux and Centos.

Installing Fedora Linux is well-documented and is beyond the scope of this document.

1.2. Technologies used

This project incorporates the following technologies:

- Fedora Linux 11
- Eureka Streams
- Memcached
- Java
- Maven
- Postgres

1.3. Challenges and Risks

stub text

1.4. Recommendations

stub text

1.5. Reviewers

Name	Title	Email
Jane Austen	Technical Writer	*jane.austen@example.com*[1]
Compliance Person	Senior Auditor	*compliance.person@example.com*[2]
Another Name	Project Manager	*another.name@redhat.com*[3]
Yet Another	Technical Account Manager	*yet.another@redhat.com*[4]

1.6. Approvers

Name	Title	Email
John Doe	Director of Systems Engineering	*john.doe@example.com*[5]

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Technical Overview

This section provides a high-level technical discussion about the packaging and deployment of Eureka Streams.

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Runbook Procedures

3.1. Installation

This installation is based on the instructions at *http://www.eurekastreams.org/build-and-run/*.

3.1.1. Install prerequisite packages

These steps install numerous dependencies.

Note

These steps use **`sudo`** to run commands as **`root`**. You could also run **`sudo -i`** to become **`root`**.

1. Install **`maven2`**

```
sudo yum -y install maven2 maven2-manual
```

2. Install **`memcached`**

```
sudo yum -y install memcached
sudo /sbin/service memcached start
sudo /sbin/chkconfig memcached on
```

3. Install Git

```
sudo yum -y install git-all
```

4. Install Postgres client and server

```
sudo yum -y install postgresql postgresql-server
```

5. Install Java from *http://www.java.com/en*

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Appendix A. Revision History

Revision 0 Fri Aug 13 2010 Paul Morgan *pmorgan@redhat.com*

Initial creation of book by publican

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Appendix B. Reference Material

B.1. Eureka Streams

Official site
http://www.eurekastreams.org

Twitter
http://twitter.com/discovereureka

Official installation instructions
http://www.eurekastreams.org/build-and-run

Git repository
http://github.com/lmco/eurekastreams

Google groups
http://groups.google.com/group/eureka-streams-dev

Wikipedia article
http://en.wikipedia.org/wiki/Eureka_Streams

B.2. Documentation tools

This document is available in source form on Github. Building the document requires three tools:

- *Asciidoc* provides a lightweight markup syntax and a command-line tool to convert source content into Docbook format. The Asciidoc package is available in the standard Fedora **`yum`** repositories.
- *Publican* provides tools to convert Docbook source into publication-quality PDF and HTML formats. Publican is available in the standard Fedora **`yum`** repositories.
- *Engagement-Journal* provides a command-line tool (**`ej`**), attempting to simplify document creation using Asciidoc and Publican. **`ej`** automatically creates a buildable, template document and places the document under Git version control. Engagement-Journal is available from Github at the URL listed below.

  Asciidoc website
  http://www.methods.co.nz/asciidoc/index.html

  Publican
  https://fedorahosted.org/publican

  Engagement-Journal
  http://github.com/jumanjiman/engagement-journal

  Source for this document
  http://github.com/jumanjiman/Eureka-Streams-Installation-on-Fedora

  PDF version of this document
  http://github.com/jumanjiman/Eureka-Streams-Installation-on-Fedora/downloads

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