Socializer

Distributed social network event extractor

Installation Guide

Radek Burget

TARZAN Project Documentation
Faculty of Information Technology, Brno University of Technology

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Socializer downloads and extracts the events from the social networks and stores them in a central RDF repository provided by Halyard. The tool consists of a single JAR file (`socializer-1.0-jar-with-dependencies.jar`) that may be used locally or in the Hadoop cluster as described in the User guide. It expects the running HBase and Halyard installation in the target cluster.

Halyard installation

Halyard is a scalable repository that uses rdf4j and Apache HBase for data storage. The Halyard infrastructure must be installed according to the installation manual. Socializer uses a direct access to the underlying HBase tables.

Using the Pre-packaged Tool

The pre-packaged tool may be downloaded from Releases.

Building from sources

The package is built automatically using maven.

Halyard Common dependency

The application requires `Halyard-Common` dependency, which is not in standard Maven repository. To install it into your local repo, run this command in application root folder.

```
mvn install:install-file -Dfile=libs/halyard-common-1.4-SNAPSHOT.jar -DgroupId=c
```

Building the Package

Use the following command line to build the JAR package:

```
mvn clean compile assembly:single
```

The created JAR file will be found in the `target` folder.

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