

## System Administration Guidelines

### Background

The EBI-RDA linkage system comprises of two main parts, 1. the data collection system and 2. the visual display of the data.

The Data Collection system is a standalone Java Program that pulls query items from a local data store (MySQL database) and queries them (using web services) against the Uniprot and ENA databases made available by EBI.

### Running and Maintenance

- The recommended process for running the data collection system is via Eclipse, however the system can be run using the executable jar and config.properties file via command line. An example of the config.properties file can be found here:

- To run the data collection process use the following command:

```
java -jar EBIRDACompA.jar [organismOntologyListFilepath] [organismListFilepath]
[researcherOntologyListFilepath] [researcherListFilepath] importAll
```

- To create the RIFCS.xml file based on the current contents of the MySQL database using the command:

```
java -jar EBIRDACompA.jar rifcs
```

- To update RDA follow the RDA Harvesting instructions ([http://services.ands.org.au/documentation/harvester/harvester\\_service.pdf](http://services.ands.org.au/documentation/harvester/harvester_service.pdf))

**Example files**

config.properties	<a href="http://sourceforge.net/projects/ebi-rda-linkage/files/exampleConfigFile/">http://sourceforge.net/projects/ebi-rda-linkage/files/exampleConfigFile/</a>
organismOntologyListFilepath	http://sourceforge.net/projects/ebi-rda-linkage/files/exampleDataCollectionFiles/
organismListFilepath	http://sourceforge.net/projects/ebi-rda-linkage/files/exampleDataCollectionFiles/
researcherOntologyListFilepath	http://sourceforge.net/projects/ebi-rda-linkage/files/exampleDataCollectionFiles/
researcherListFilepath	http://sourceforge.net/projects/ebi-rda-linkage/files/exampleDataCollectionFiles/