

# DARQ Command Line Tool Documentation

## Required files :

- darq-cli.jar : command line Jar file
- patient.tsv : tab separated values file containing patient records following extract specification
- vaccination.tsv : tab separated values file containing vaccination records following extract specification
- configuration.json : configuration file provided by AIRA

## Required Environment :

- Java 8 installed.
- Terminal access.

## Usage :

- 1) Open a Terminal Window
- 2) Run command :

```
java -jar [PATH_TO_JAR] -p=[PATH_TO_PATIENT_EXTR] -v=[PATH_TO_VACC_EXTR]  
-c=[PATH_TO_CONF_JSON]
```

```
=====  
** [NIST] Welcome to Data At Rest Quality Analysis Command Line Tool **  
=====  
Patients File @ PatientData3.tsv [FOUND]  
Vaccinations File @ VaccineData3.tsv [FOUND]  
Configuration File @ DAR_Pilot_Config.json [FOUND]  
=====  
[=====] - 100.0% (200/200)(ETA 0 min, 0 sec)  
Analysis Finished
```

When the processing is finished a folder named darq\_analysis is going to appear in the current folder pointed to by the Terminal

## Analysis Result :

- darq\_analysis / summary / **index.html**
  - HTML file containing the summary of what was extracted and how data has been aggregated
- darq\_analysis / **ADF.data**
  - Encrypted file containing deidentified and aggregated data  
*[SEND TO AIRA FOR REPORT]*

## Troubleshooting :

### Make sure terminal is configured to use Java 8

To check which version of java you are using run command `java -version`` its output should be : `java version "1.8.*"` in case your terminal is using a different version of java there might be some issue that arise.

### Change Java version in Mac OS X

First run command `/usr/libexec/java_home -V`` which will output your installed java version, if java 1.8.\* does not appear in the list you can install it from

<https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

Once installed you can configure your terminal to use that version :

```
export JAVA_HOME=`/usr/libexec/java_home -v 1.8`
```

### Change Java version in Windows

<https://www.java.com/en/download/help/path.xml>

### Other problems

In case of failure, please send the output `darq_cli.log` file to AIRA to examine.