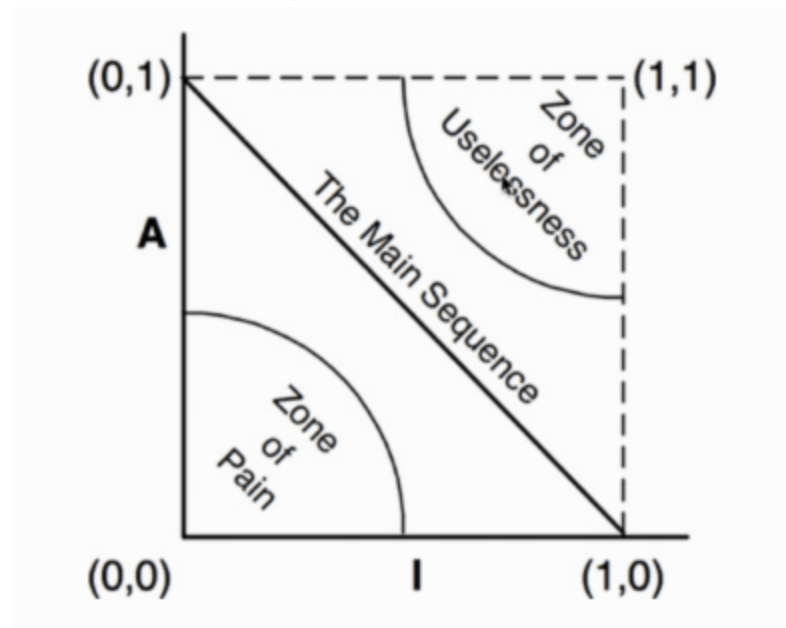


Visualizing distance from the main sequence



Step 1: Create a java project then add j-depend dependency

Step 2: Generating the XML report

Step 3: Go to <https://github.com/ValentinaServile/jdepend-ui> to clone the jdepend-ui

```
git clone git@github.com:ValentinaServile/jdepend-ui.git
```

Make sure you have node and npm installed, and run:

```
cd jdepend-ui && npm install
```

\$ Step 4:

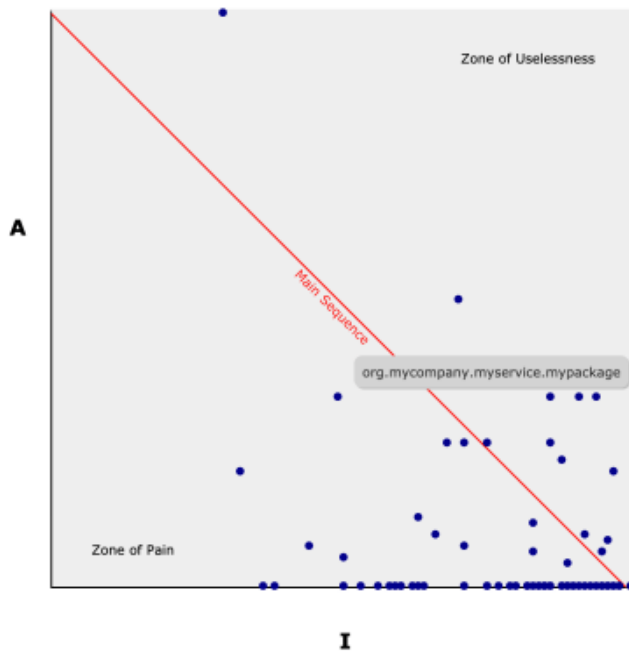
Generating the final report

```
npm run jdepend-ui <path-to-xml-report-file> <your-packages-prefix>
```

If everything went okay, you should now have an index.html file in your working directory.

If you open it with a web browser, you should see something like:

Distance from main sequence



Details

General

Average distance from Main Sequence: **0.16368932038834952**

Median distance from Main Sequence: **0.14**

Package Search:

org.mycompany.myservice.mypackage

Total Classes: 2

Abstract Classes: 1

Concrete Classes (or Interfaces): 1

Ca - Afferent Couplings: 3

Ce - Efferent Couplings: 7

Abstractness: 0.5

Instability: 0.7

Distance from Main Sequence: 0.2

Used By (Afferent couplings):

- foo
- bar

Depends upon (Efferent couplings):

Reference: <https://oooops.dev/2021/02/21/visualising-distance-from-the-main-sequence-and-other-clean-architecture-metrics-in-java/>