

If directory structure is altered, directions not guaranteed to work.

## **Configuration:**

The Authority Publishing Platform uses the environment variable APP\_DB to set where to store database files. In the run command this will default to the root directory if not set manually. Behavior not defined if jar is called directly from java with the variable unset (though likely will default to active directory or the jar's directory).

To set the variable in linux (stores database files in the current directory):

```
export APP_DB=$PWD
```

## **Execution:**

All of the following commands assume you are in the root directory (directory with bin and deps).

Automatic (linux):

```
./run
```

The following commands require the Java 7 JVM to be configured as the default JVM and in ones classpath for terminal. This has been tested on linux machines, alternative run command for windows provided, however not guaranteed to work:

Manually (linux):

```
java -cp deps/neo4j/*:deps/asg.cliche/*:/bin/app.jar app.Cli
```

Manually (Windows:- not officially supported) -- note semi-colons:

```
java -cp deps/neo4j/*;deps/asg.cliche/*;/bin/app.jar app.Cli
```

## **Working with App:**

To get a list of all commands in console:

```
app-sh> ?list
```

To create a new account one first needs to register an email with *signup* and retrieve a validation token. Then using *register* one creates a new account with. To start using the account one needs to initiate a new session (which will be valid for a finite amount of time) using *login*:

```
app-sh> signup ex@ex.com
success:ClaimToken:6e0a966b-15c4-4459-8d29-5e93d64d9d6e
```

```
app-sh> register 6e0a966b-15c4-4459-8d29-5e93d64d9d6e password password
success:registration complete
```

```
app-sh> login ex@ex.com password
success:Session:LYQC
```

Adding an email to an existing account and logging in with that:

```
app-sh> signup new@ex.com
success:ClaimToken:61cd47b1-3718-4072-b033-e3da09c2b950
```

```
app-sh> add-email LYQC new@ex.com 61cd47b1-3718-4072-b033-e3da09c2b950
success:Email Added
```

```
app-sh> login new@example.com password
success:Session:6WA8
```

A users portfolio is a list of resources and their descriptions that provides evidence for the users authority. Here is an example of how the portfolio may be managed:

```
app-sh> add-to-portfolio 6WA8 "BS at Purdue" "www.purdue.edu"
success:Citation Added
app-sh> add-to-portfolio 6WA8 "Sweet App" "https://github.com/jamesmiller5/app"
success:Citation Added
app-sh> view-portfolio new@example.com
success:{BS at Purdue:www.purdue.edu:Wed Sep 25 12:55:51 EDT
2013:29b59bac-68e2-4488-9630-77ec5c25487b}{Sweet
App:https://github.com/jamesmiller5/app:Wed Sep 25 14:19:28 EDT
2013:78fa0467-1463-4381-9360-1d703ef10b19}
app-sh> remove-from-portfolio 6WA8 29b59bac-68e2-4488-9630-77ec5c25487b
success:Citation removed
```

```
app-sh> view-portfolio new@example.com  
success:{Awesome Authority Platform:https://github.com/jamesmiller5/app:Wed Sep 25  
14:19:28 EDT 2013:78fa0467-1463-4381-9360-1d703ef10b19}
```

Finally, when managing the trust network you can trust individuals on particular subjects. Then you can use `view-trust-network` to see who an individual directly trusts and `view-subjective-network` to see the extended network of trust on a given subject (ranked by distance to you).