# // Development

4 Oct 2017

Test config:

Netbeans Java EE 8.2 build 201609300101

Java 1.8.0\_141 JDK

Mac OSX 10.13

Actual requirements should be just JDK 1.8, Netbeans 8.2

## In Netbeans:

1. Make new project group, style = "folder of projects"
2. Team->Git-clone
3. **https://gitlab.nps.edu/Savage/OpticalSignaling.git**
4. login in LDAP, nps uname and pw

(The above worked on Mac; under Windows10 on VmWare, I had to use ssh method to "**git@gitlab.nps.edu:Savage/OpticalSignaling.git**" after installing my rsa public key in gitlab )

1. Choose master branch
2. Choose scan for netbeans projects after clone
3. Open "QRCodeTacticalDecisionAidV2"
4. Choose "SailorHelper" configuration in toolbar (for example)
5. Click "Run Project" button

# // Deployment

A **Sailor.zip** file is automatically created with each project build. It is located in **projectdir/target/.** Move this onto a destination Windows, Mac or Linux machine.

# // Installation

1. Unzip file to get the **Sailor** directory
2. Move **Sailor** directory anywhere
3. The six configurations to choose from are bounce, qrChat, qrChatEncrypted, sailorhelper, throughputTestReceiver and throughputTestSender.
4. On windows, execute a **.bat** file
5. On Mac, execute a **.command** file
6. On Linux, execute a **.sh** file

# // Archive in Git repo

Each project build puts the build products which go into the deployment zip in the projectdir/currentDistribution/SailorZip directory. This directory can be committed and pushed when desired.