本文档适用版本：脑定量(web) v1.0.0.0

1. ENV

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Version | DEV | TEST | PROD |
| Centos | 7.5.1804(  **systemctl stop firewalld.service**  **systemctl disable firewalld.service**  ) | √ | √ | √ |
| JDK | 1.8.0\_181 | √ | √ | √ |
| JDK | 1.7.0\_80 | √ |  |  |
| Maven | 3.6.0 | √ |  |  |
| MATLAB | 2016b | √ |  |  |
| MCR | 2016b | √ | √ | √ |
| MPS | 2016b | √ | √ | √ |
| Mysql | 8.0.12 | √ | √ | √ |
| IDEA | 2018.3.1 | √ |  |  |
| git |  | √ |  |  |
| Dcm4che | <https://github.com/dcm4che/dcm4che> | √ |  |  |

* Install JDK

export JAVA\_HOME=**JAVA\_HOME**

export JRE\_HOME=${JAVA\_HOME}/jre

export CLASSPATH=.:${JAVA\_HOME}/lib:${JRE\_HOME}/lib

export PATH=${JAVA\_HOME}/bin:$PATH

* Install MATLAB

<https://blog.csdn.net/wzz18191171661/article/details/73253107>

* Install MCR

./install -mode silent -agreeToLicense yes

<https://ww2.mathworks.cn/products/compiler/matlab-runtime.html>

<https://ww2.mathworks.cn/help/compiler/install-the-matlab-runtime.html>

**for ubuntu 16.04:**

export LD\_LIBRARY\_PATH="/usr/local/MATLAB/MATLAB\_Runtime/v91/sys/opengl/lib/glnxa64:/usr/local/MATLAB/MATLAB\_Runtime/v91/sys/os/glnxa64:/usr/local/MATLAB/MATLAB\_Runtime/v91/bin/glnxa64:/usr/local/MATLAB/MATLAB\_Runtime/v91/runtime/glnxa64:$LD\_LIBRARY\_PATH"

**for Centos:**

yum install mesa-libGLU

Install gcc-7.2

yum install gcc gcc-c++

<https://www.cnblogs.com/davygeek/p/8018628.html>

* Install MPS

./matlab/install -fileInstallationKey 40236-45817-26714-51426-39281 -agreeToLicense yes -mode silent -activationPropertiesFile /root/matlab\_install/activate.ini

<https://blog.csdn.net/wzz18191171661/article/details/73253107>

**for ubuntu 16.04, centos:**

export PATH=/usr/local/MATLAB/MATLAB\_Production\_Server/R2016b/script:$PATH

* + - * 1. config MCR mps-setup
        2. create server mps-new server\_path -v
        3. vim server\_path/config/ main\_config

--num-threads 10

--num-workers 10

* + - * 1. start server mps-start server\_path
        2. status server mps-status server\_path
        3. cp matlab.ctf server\_path/auto\_deploy
* Install Mysql

<https://dev.mysql.com/downloads/mysql/>

**for Centos:**

<https://www.cnblogs.com/lei0213/p/9051703.html>

Config Mysql

mysql>use qed\_bbq;

mysql>set names utf8;

mysql>source qed\_bbq.sql;

mysql> use mysql;

mysql>grant all privileges on \*.\* to 'root'@'%' identified by 'Qed!@#456' with grant option;

mysql>flush privileges;

* Install MAVEN

export M2\_HOME=**M2\_HOME**

export PATH=${JAVA\_HOME}/bin:${M2\_HOME}/bin:$PATH

* + - 1. mvn install:install-file -Dfile=mvp.jar -DgroupId=qed -DartifactId=bbq -Dversion=1.0.0 -Dpackaging=jar
      2. mvn install:install-file -Dfile=mps\_client.jar -DgroupId=matlab -DartifactId=mps -Dversion=2016.b.0 -Dpackaging=jar
* Install Dcmche4

mvn install

1. SERVER

* Start server

nohup java -jar XXX.jar

ps aux|grep XXX