

## AWS-F1 で PlayFramework を使う

### 準備

```
sudo yum install java-11-openjdk-devel
wget https://sbt-downloads.cdnedge.bluemix.net/releases/v1.3.2/sbt-1.3.2.zip
unzip sbt-1.3.2.zip
sudo mv sbt /usr/local/
sudo ln -s /usr/local/sbt/bin/sbt /usr/local/bin/
```

### セキュリティグループで 9000 への inbound を許可する

### axonerve\_util なら

```
source $AWS_FPGA_REPO_DIR/sdaccel_setup.sh
git https://github.com/miyo/axonerve_util.git
cd axonerve_util/wordcount/web-frontend
pushd native; make; popd
sbt compile
export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:./native/
sbt run
```

ブラウザから <http://AWS-F1> の IP アドレス / にアクセスできれば OK .

### uuid\_parse がない , といわれたら

```
[root@ip-172 -31 -62 -53 software]# java -Djava.library.path=. AxonerveWordcount
../bin/binary_container_1.awsxcclbin
initialize Axonerve Wordcount
xcclProbe found 1 FPGA slots with xccl driver running
Found Platform
Platform Name: Xilinx
INFO: Importing ../bin/binary_container_1.awsxcclbin
Loading: '../bin/binary_container_1.awsxcclbin'
java: symbol lookup error: /opt/xilinx/xrt/lib/libxrt_aws.so: undefined symbol: uuid_parse
```

### とかいわれたら ,

```
curl -s https://aws-fpga-developer-ami.s3.amazonaws.com/1.6.0/Patches/XRT_2018_3_RC5
/xrt_201830.2.1.0_7.6.1810-xrt.rpm -o xrt.rpm
curl -s https://aws-fpga-developer-ami.s3.amazonaws.com/1.6.0/Patches/XRT_2018_3_RC5
/xrt_201830.2.1.0_7.6.1810-aws.rpm -o xrt-aws.rpm
sudo yum reinstall xrt*.rpm -y
```

### とかする .

cf. [https://github.com/aws/aws-fpga/blob/master/SDAccel/docs/XRT\\_installation\\_instructions.md](https://github.com/aws/aws-fpga/blob/master/SDAccel/docs/XRT_installation_instructions.md)

cf. <https://forums.aws.amazon.com/thread.jspa?messageID=910434>