

## Problem

How to start Services, Manager, Container silently and synchronizedly?

## Solution

How to achieve a synchronized and silent startup of

1. Services
2. Manager
3. Container (Java / Python)

This is, for instance, desirable in a **test prologue**

### A: Use the following script

Note that you may as well run a python container by specifying something like *-py myPieContainer* (see italic part below)

```
#!/bin/bash

TEMPLOG=./templog
EXPECT="components activated"

#echo acsStart...
acsStart >${TEMPLOG} 2>&1

# Now find out which instance of ACS we are running:
EXPORTACSINSTANCE=`grep 'export ACS_INSTANCE' $TEMPLOG | cut -d\"'\" -f 2`
echo $EXPORTACSINSTANCE > $ACSINSTANCE          # for stopACS.sh
eval $EXPORTACSINSTANCE                          # for acsStartContainer

#echo acsStartContainer...
exec >>${TEMPLOG} 2>&1 acsStartContainer -java hugoActivator &

maxSecs=300
i=0
while [ `grep -c "$EXPECT" $TEMPLOG` == 0 ] && [ ! $i == $maxSecs ] ; do
    sleep 1
    let i=i+1
done

#echo clean up
rm $TEMPLOG

#echo done
```

-- [DavidFugate](#) - 17 Sep 2004

## Related articles

- [How can more people do development with ACS on the same machine without disturbing each other?](#)
- [Which ports are used by ACS?](#)
- [Problems connecting to ACS servers on a remote machine: bad /etc/hosts](#)
- [Why does the getComponent method of ZLegacy/ACS.ContainerServices return an object of type None?](#)
- [Why are some of my print statements not showing up in the container output section of acscommandcenter?](#)