Prerequisite: An Unsealed Vault

Neither the Spring-based Vault Client, nor the Third-party Vault Client, each of which are that are cited in the Vault literature work properly.

They each fail at unit-test time – for cryptographic reasons, on a sealed Vault instance – I reverted to a canonical Java Process Builder solution (but running against an unsealed Vault image.

I will eventually interpose Consul between the Java Client code proffered by Hashicorp, in hopes that either that client code is simplified, or that I can use something as mundane as a Process Builder to access Vault Secrets (on behalf of other application code).



function svault() {

cullany vault

cd /usr/local/opt/

vault server -dev

cd -

}

function cullany() {

ps auxx | grep "$1" > "$1"

while IFS=' ' read -r line || [[ -n "$line" ]]; do

export PID=2

PID="$(echo $line | cut -d " " -f $PID)"

kill -9 "${PID}"

done < "$1"

rm $1

}



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The Code (a Shaded App)

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Segment 1of 3



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Segment 2 of 3



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Segment 3 of 3



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Side-effects



ßash Scripts

The two scripts have no .sh extension – the Interpreter Declaration (line 1) takes care of it.



Name: **bld**

#!/bin/bash

clear

args=("$@")

ELEMENTS=${#args[@]}

echo

echo

echo Incoming ARG Count: ${#args[@]}

echo

echo "$@"

echo

echo ...

sleep 1

# mvn clean install -B -DskipTests

mvn clean install -B -Dmaven.test.skip=true

rm dependency-reduced-pom.xml

BASEDIR=`dirname $0`

echo;echo "BASEDIR ${BASEDIR}";echo;echo

Usage: bld



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Name: **run**

#!/bin/bash

export PROMPT\_COMMAND='echo -ne "\033]0; $(ipconfig getifaddr en0) - Vault Secrets, via Process ßuilder \007"'

clear

java -jar target/salient.jar -B

Usage: run



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Structure

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