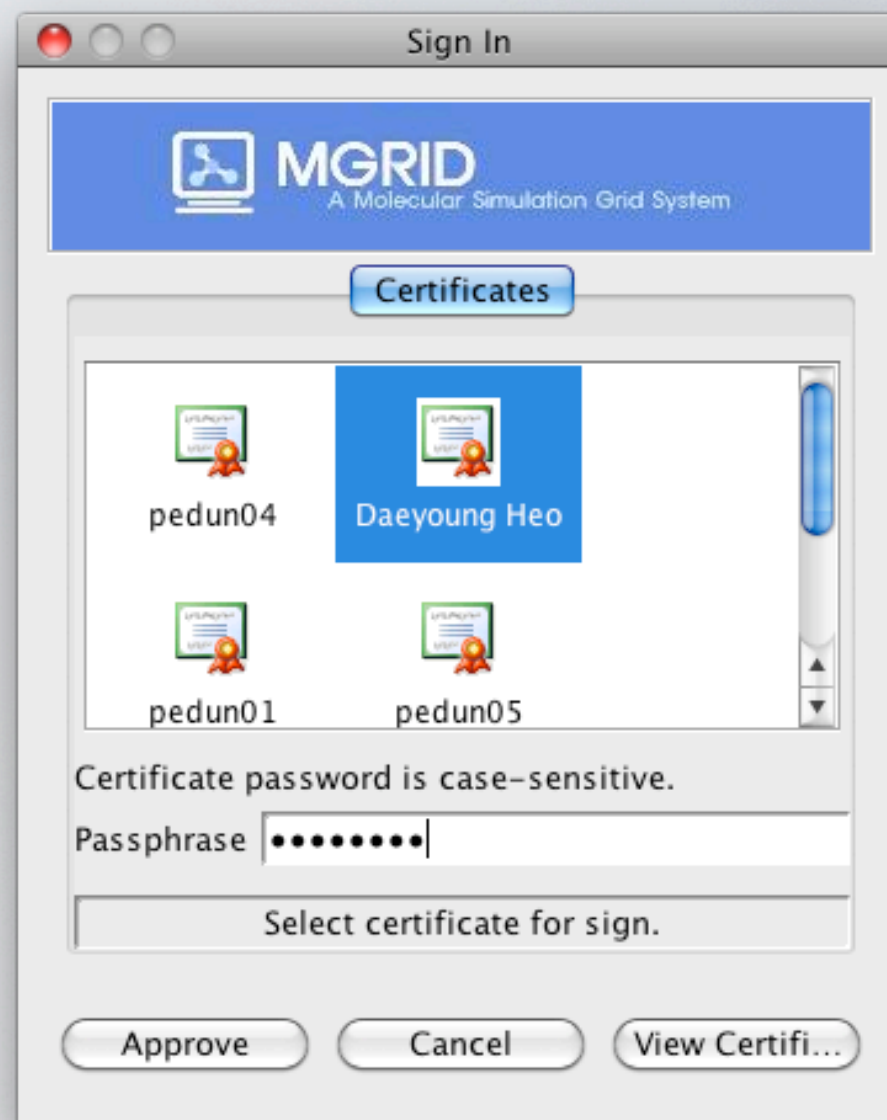# A SUGGESTED USAGE PATTERN OF MGRID
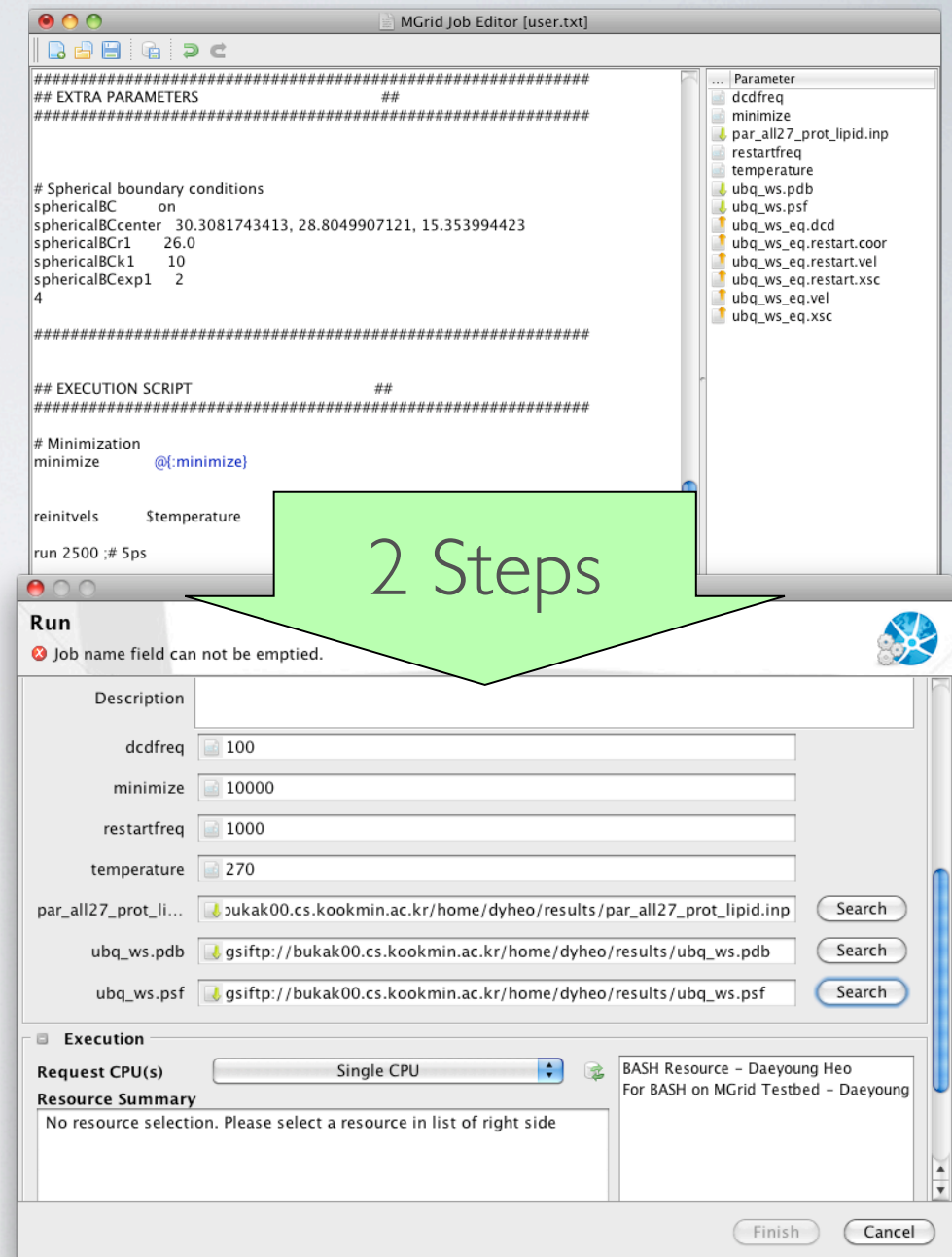
Suntae Hwang, Daeyoung Heo
Kookmin University

1. Sign-in by Certificate
2. Build and execute
3. Verifying job.
4. See workspace.
5. Create bulk simulation
   instances.
6. See workspace.
7. Run all instances.
8. Monitoring jobs.
9. Delegate certificate.
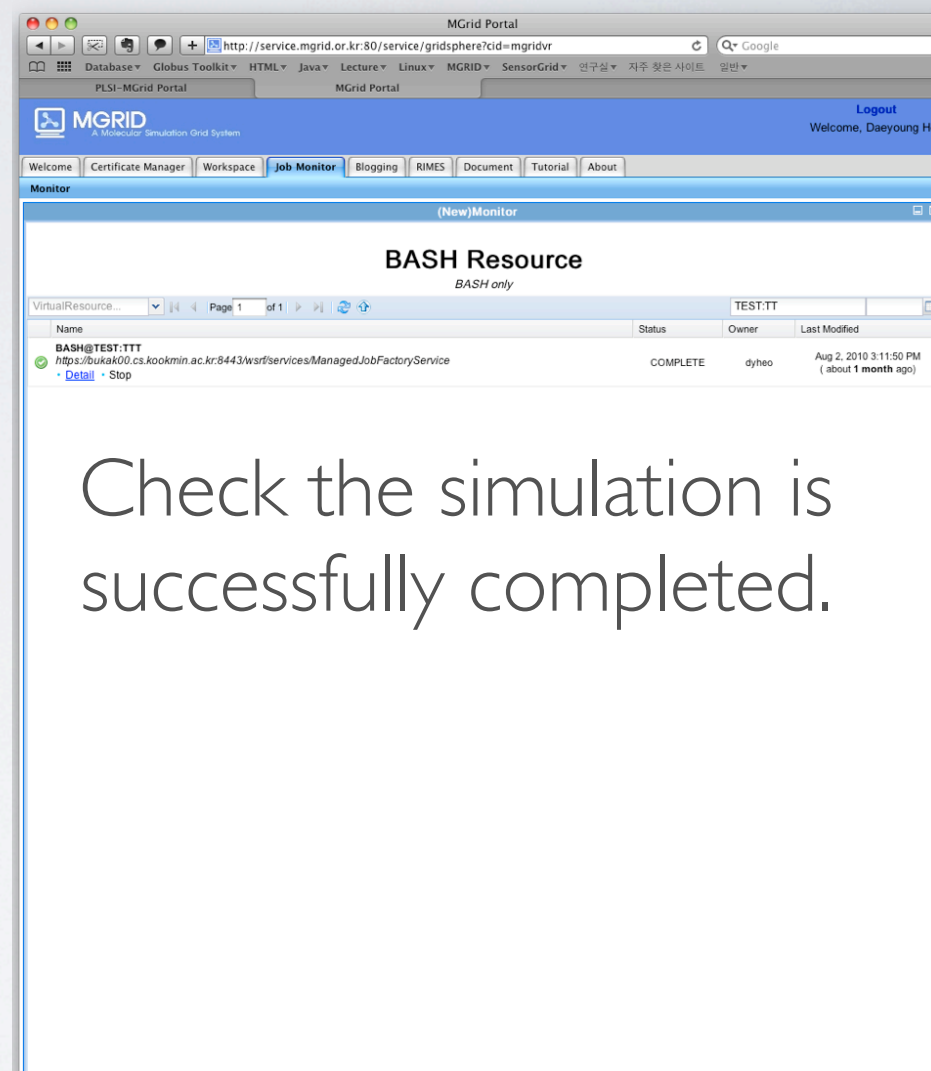10. Continue monitoring
   on mobile device.

1. Sign-in by Certificate
2. Build and execute
3. Verifying job.
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5. Create bulk simulation instances.
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7. Run all instances.
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9. Delegate certificate.
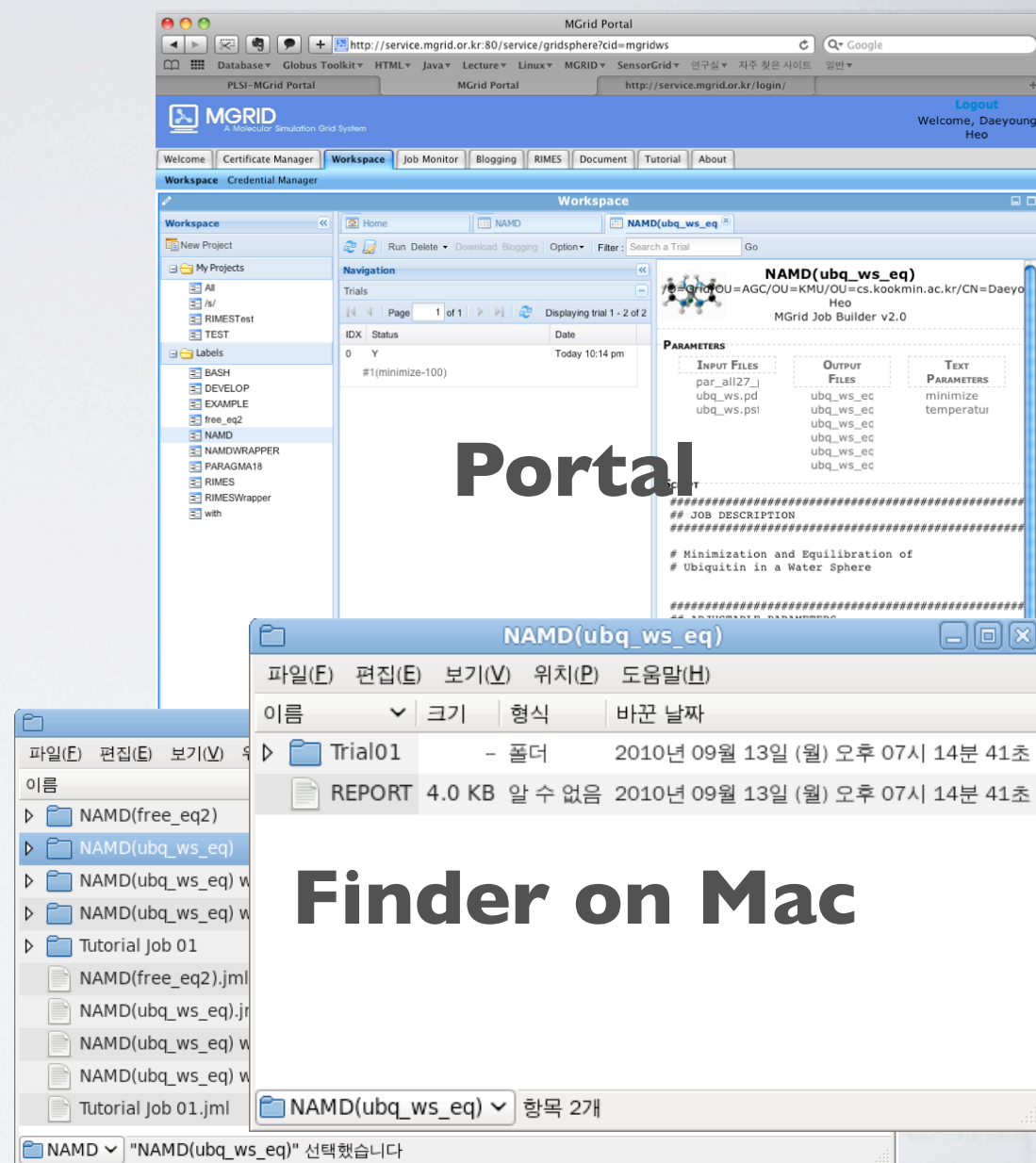10. Continue monitoring on mobile device.

1. Sign-in by Certificate
2. Build and execute
3. **Verifying job.**
4. See workspace.
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6. See workspace.
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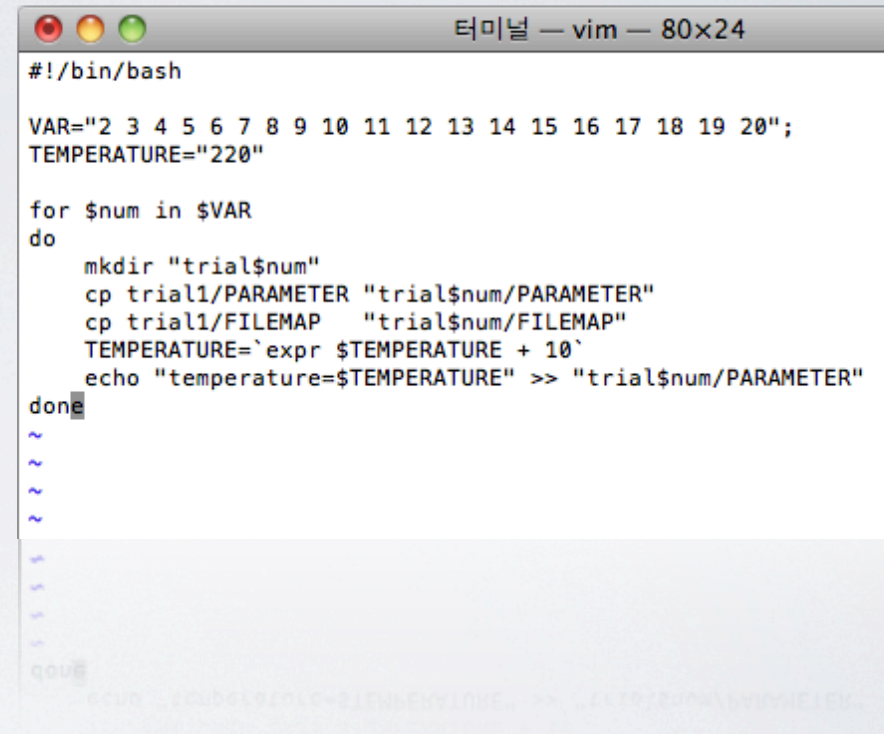10. Continue monitoring on mobile device.

Check the simulation is successfully completed.

1. Sign-in by Certificate
2. Build and execute
3. Verifying job.
4. **See workspace.**
5. Create bulk simulation instances.
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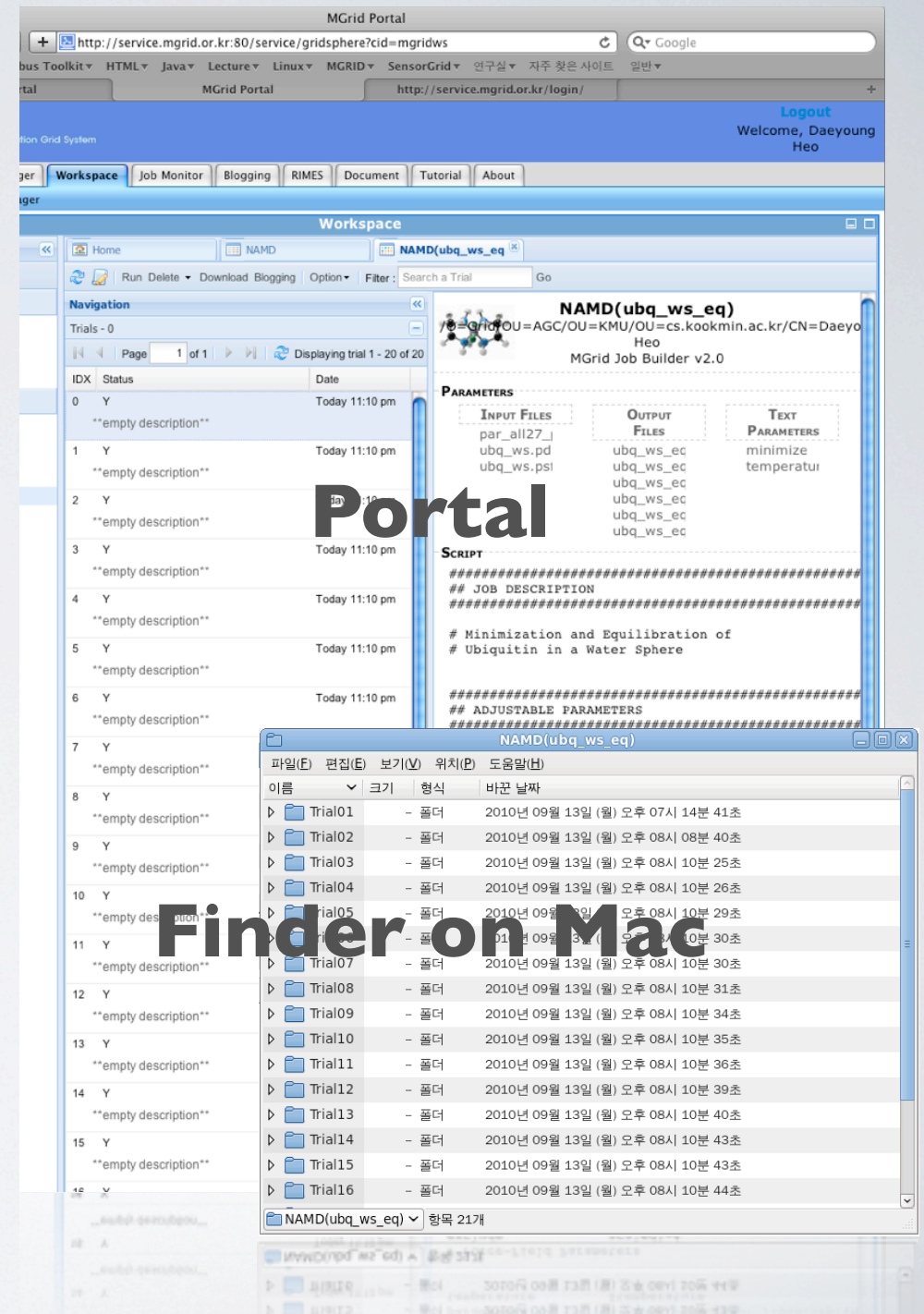10. Continue monitoring on mobile device.

Portal

Finder on Mac

1. Sign-in by Certificate
2. Build and execute
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4. See workspace.
5. Create bulk simulation instances.
6. See workspace.
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9. Delegate certificate.
10. Continue monitoring on mobile device.

터미널 — vim — 80×24

```
#!/bin/bash

VAR="2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20";
TEMPERATURE="220"

for $num in $VAR
do
    mkdir "trial$num"
    cp trial1/PARAMETER "trial$num/PARAMETER"
    cp trial1/FILEMAP    "trial$num/FILEMAP"
    TEMPERATURE=`expr $TEMPERATURE + 10`
    echo "temperature=$TEMPERATURE" >> "trial$num/PARAMETER"
done
~
~
~
~
```
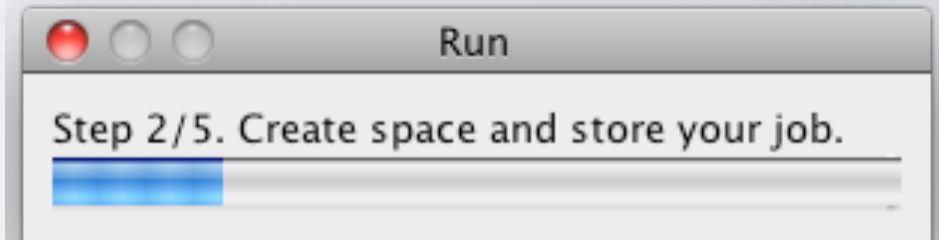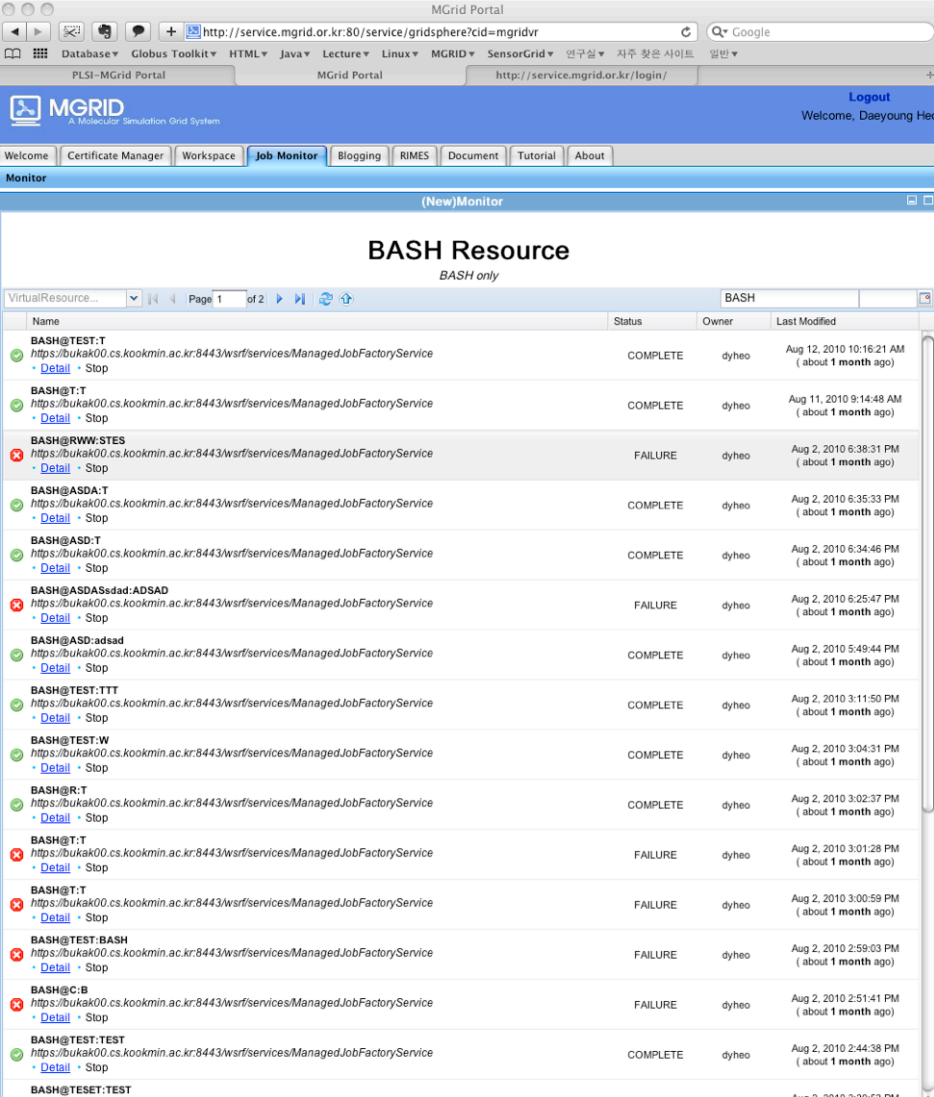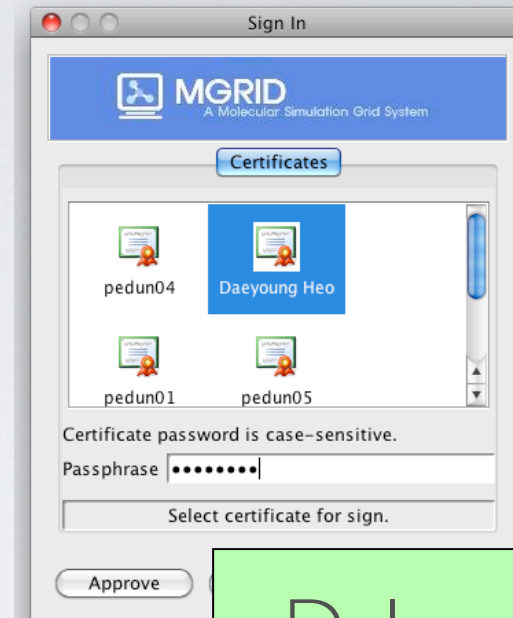
1. Sign-in by Certificate
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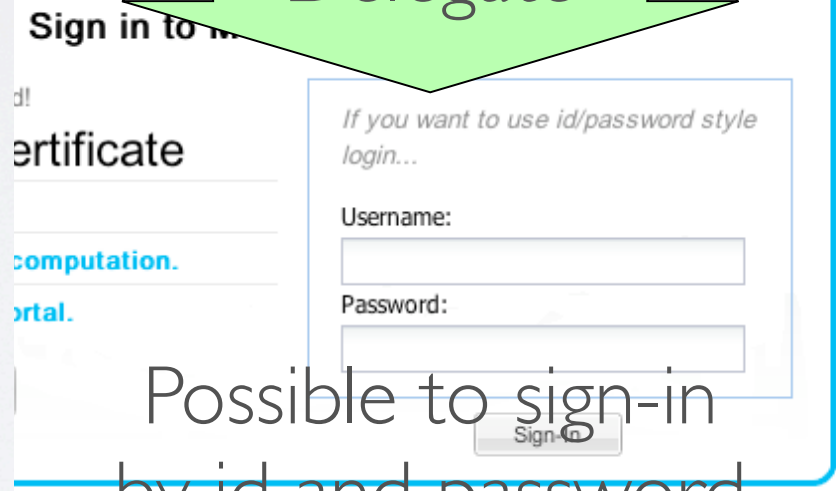10. Continue monitoring on mobile device.

Portal

Finder on Mac

1. Sign-in by Certificate
2. Build and execute
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Run

Step 2/5. Create space and store your job.

1. Sign-in by Certificate
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Sign In

MGRID
A Molecular Simulation Grid System

Certificates

pedun04   Daeyoung Heo

pedun01   pedun05

Certificate password is case-sensitive.

Passphrase ••••••••

Select certificate for sign.

Approve

Delegate

Sign in to

d!

ertificate

computation.

ortal.

If you want to use id/password style login...

Username:

Password:

Sign-In

Possible to sign-in by id and password without certificate for a while (ex. 7 days)

1. Sign-in by Certificate
2. Build and execute
3. Verifying job.
4. See workspace.
5. Create bulk simulation instances.
6. See workspace.
7. Run all instances.
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iPad