

Setting up a portable RNA-Seq pipeline for CBIO - Support #30

Support # 24 (New): Setting up the NGI-RNAseq pipeline on UCT Hex
Support # 25 (In Progress): Configure NGI-RNAseq pipeline to run on hex

Update Nextflow to version 0.27.6

04/09/2018 09:51 AM - Katie Lennard

| | | | |
|---|--------------|-----------------|------------|
| Status: | In Progress | Start date: | 04/09/2018 |
| Priority: | Normal | Due date: | |
| Assignee: | Gerrit Botha | % Done: | 0% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | | Spent time: | 0.00 hour |
| Description | | | |
| The RNAseq pipeline requires an updated version of Nextflow (currently 0.26.3, need 0.27.6) | | | |

History

#1 - 04/09/2018 10:09 AM - Gerrit Botha

- Status changed from New to In Progress

Ok Katie, will do it in the next hour or so. Will get back to you.

#2 - 04/09/2018 10:59 AM - Gerrit Botha

Ok it is setup in /opt/exp_soft/cbio/nextflow

Add the following lines in your .bashrc

```
JAVA_CMD=/opt/exp_soft/java/jdk1.8.0_31/bin/java
JAVA_HOME=/opt/exp_soft/java/jdk1.8.0_31/
export PATH=$PATH:/opt/exp_soft/cbio/nextflow

/opt/exp_soft/cbio/nextflow/nextflow -v
nextflow version 0.28.0.4779
```

So it is version 0.28.0.4779 do you need exactly 0.27.6 though?

#3 - 04/09/2018 11:13 AM - Katie Lennard

Gerrit Botha wrote:

Ok it is setup in /opt/exp_soft/cbio/nextflow

Add the following lines in your .bashrc

```
JAVA_CMD=/opt/exp_soft/java/jdk1.8.0_31/bin/java
JAVA_HOME=/opt/exp_soft/java/jdk1.8.0_31/
export PATH=$PATH:/opt/exp_soft/cbio/nextflow

/opt/exp_soft/cbio/nextflow/nextflow -v
nextflow version 0.28.0.4779
```

So it is version 0.28.0.4779 do you need exactly 0.27.6 though?

Thanks Gerrit, I'm not sure. The error message says "Nextflow version 0.27.6 required" Will test and let you know..

#4 - 04/09/2018 11:38 AM - Katie Lennard

Have added lines to .bashrc but can't test nextflow (version -v):

```
/bin/bash: /opt/exp_soft/cbio/nextflow/nextflow: Permission denied
```

#5 - 04/09/2018 11:43 AM - Gerrit Botha

Try again. I opened up read permissions to the binary.

#6 - 04/09/2018 12:54 PM - Katie Lennard

Gerrit Botha wrote:

Try again. I opened up read permissions to the binary.

Hmmm, kry nou:

Downloading nextflow dependencies. It may require a few seconds, please wait .. curl: (59) failed setting cipher list
ERROR: Cannot download nextflow required file -- make sure you can connect to the internet

Alternatively you can try to download this file:

<https://www.nextflow.io/releases/v0.28.0/nextflow-0.28.0-one.jar>

and save it as:

/home/kvijloen/.nextflow/framework/0.28.0/nextflow-0.28.0-one.jar

Het bashrc verander so nie seker watse dependencies vermis word nie.

#7 - 04/09/2018 12:56 PM - Katie Lennard

Katie Lennard wrote:

Gerrit Botha wrote:

Try again. I opened up read permissions to the binary.

Hmmm, kry nou:

Downloading nextflow dependencies. It may require a few seconds, please wait .. curl: (59) failed setting cipher list
ERROR: Cannot download nextflow required file -- make sure you can connect to the internet

Alternatively you can try to download this file:

<https://www.nextflow.io/releases/v0.28.0/nextflow-0.28.0-one.jar>

and save it as:

/home/kvijloen/.nextflow/framework/0.28.0/nextflow-0.28.0-one.jar

Het bashrc verander so nie seker watse dependencies vermis word nie.

Lyk my dis 'n workernode-specific issue. As ek /opt/exp_soft/cbio/nextflow/nextflow -v van die headnode hardloop:

CAPSULE: Downloading dependency org.jsoup:jsoup:pom:1.11.2
CAPSULE: Downloading dependency org.codehaus.groovy:groovy-xml:pom:2.4.13
CAPSULE: Downloading dependency io.nextflow:nxf-s3fs:pom:1.0.3
CAPSULE: Downloading dependency org.codehaus.groovy:groovy-json:pom:2.4.13
CAPSULE: Downloading dependency org.codehaus.groovy:groovy-nio:pom:2.4.13
CAPSULE: Downloading dependency org.codehaus.groovy:groovy:pom:2.4.13
CAPSULE: Downloading dependency org.codehaus.groovy:groovy-templates:pom:2.4.13
CAPSULE: Downloading dependency io.nextflow:nextflow:pom:0.28.0
CAPSULE: Downloading dependency io.nextflow:nxf-commons:pom:0.28.0
CAPSULE: Downloading dependency io.nextflow:nxf-https:pom:0.28.0
CAPSULE: Downloading dependency org.jsoup:jsoup:jar:1.11.2
CAPSULE: Downloading dependency org.codehaus.groovy:groovy-xml:jar:2.4.13
CAPSULE: Downloading dependency io.nextflow:nxf-s3fs:jar:1.0.3
CAPSULE: Downloading dependency org.codehaus.groovy:groovy-json:jar:2.4.13
CAPSULE: Downloading dependency org.codehaus.groovy:groovy-nio:jar:2.4.13
CAPSULE: Downloading dependency org.codehaus.groovy:groovy:jar:2.4.13
CAPSULE: Downloading dependency org.codehaus.groovy:groovy-templates:jar:2.4.13
CAPSULE: Downloading dependency io.nextflow:nextflow:jar:0.28.0
CAPSULE: Downloading dependency io.nextflow:nxf-commons:jar:0.28.0
CAPSULE: Downloading dependency io.nextflow:nxf-https:jar:0.28.0
nextflow version 0.28.0.4779