VRSpace.org - Feature #107

docker image

02/11/2022 05:25 PM - Josip Almasi

Status:	Closed	**Start date:**	02/11/2022
Priority:	Normal	**Due date:**	
Assignee:	Nick Naglich	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:		**Spent time:**	0.00 hour

Description

something that would make docker image of current build
docker-compose, there may be maven plugin

History

#1 - 02/11/2022 10:49 PM - Nick Naglich

Josip Almasi wrote:

> something that would make docker image of current build
> docker-compose, there may be maven plugin

I'll look into setting up a docker image, is there a Linux distro you'd prefer?

#2 - 02/13/2022 02:43 PM - Josip Almasi

- Assignee set to Nick Naglich

I hoped you would :)
Debian 10 I think.

#3 - 03/05/2022 03:59 AM - Nick Naglich

Josip Almasi wrote:

> I hoped you would :)
> Debian 10 I think.

I've tried compiling on both a Debian and Ubuntu docker container, running into issues with the surefire-plugin

```
[ERROR] Failures:
[ERROR]   DBTest.testCountUsers:561 expected: <2> but was: <3>
[ERROR]   DBTest.testWorlds:526 expected: <2> but was: <3>
[INFO]
[ERROR] Tests run: 85, Failures: 2, Errors: 0, Skipped: 2
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] Reactor Summary for VRSpace parent file 0.4.5-SNAPSHOT:
[INFO]
[INFO] VRSpace parent file ............................ SUCCESS [  0.277 s]
[INFO] server ......................................... FAILURE [ 35.997 s]
[INFO] babylon ........................................ SKIPPED
[INFO] content ........................................ SKIPPED
[INFO] web ............................................ SKIPPED
[INFO] ------------------------------------------------------------------------
[INFO] BUILD FAILURE
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  36.500 s
[INFO] Finished at: 2022-03-04T19:50:36-07:00
[INFO] ------------------------------------------------------------------------
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:2.22.2:test (default-test) on project server: There are test failures.
[ERROR]
[ERROR] Please refer to /vrspace/server/target/surefire-reports for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
```

[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
[ERROR]
[ERROR] After correcting the problems, you can resume the build with the command
[ERROR] mvn <args> -rf :server

#4 - 03/05/2022 12:26 PM - Josip Almasi

Hehe https://redmine.vrspace.org/issues/109 strikes again :)

You can simply build it with -DskipTests but we should use this opportunity to fix that.
How do you build this image, can you send me that compose file and/or some howto?
Or, give me access to your server, or I give you access to vrspace.org server - whatever it takes to reproduce this.

#5 - 03/05/2022 09:16 PM - Nick Naglich

Josip Almasi wrote:

> Hehe https://redmine.vrspace.org/issues/109 strikes again :)

Almost the same, yeah. This is failing on the server tests which it looks like Nate was able to get past.

> You can simply build it with -DskipTests but we should use this opportunity to fix that.
> How do you build this image, can you send me that compose file and/or some howto?
> Or, give me access to your server, or I give you access to vrspace.org server - whatever it takes to reproduce this.

It builds with the -DskipTests, yeah.

I'm using Docker Desktop for Windows 10 to pull the Debian Image and then install "git, bash, java, maven, and the VRSpace repo"
This is my first run trying to make a docker image from scratch and still figuring things out, so not sure how to share it yet.

#6 - 03/06/2022 03:54 PM - Josip Almasi

Never did it myself either.
I believe that's exactly what I need to get it reproduced.

#7 - 03/11/2022 01:28 AM - Nick Naglich

I created a dockerfile and "How To" in the forums:
https://redmine.vrspace.org/boards/2/topics/226

If you run through all the steps, but leave out the -DskipTests when compiling you'll get this error for debugging

#8 - 03/11/2022 02:26 PM - Josip Almasi

Great stuff, I'll try it over the weekend.

#9 - 03/11/2022 02:27 PM - Josip Almasi

- Status changed from New to In Progress

#10 - 01/25/2023 01:32 PM - Josip Almasi

- Status changed from In Progress to Closed