

## D4Science Infrastructure - Task #5290

Task # 5448 (Closed): Dataminer - Need to align R configuration with RStudio simulation environment

### Align DataMiner Locale to the RStudio Locale

Sep 30, 2016 03:37 PM - Gianpaolo Coro

|   |   |                        |              |
|---|---|------------------------|--------------|
| <b>Status:</b>  | Closed                                  | <b>Start date:</b>     | Sep 30, 2016 |
| <b>Priority:</b>  | Normal                                  | <b>Due date:</b>       |              |
| <b>Assignee:</b>  | Andrea Dell'Amico                       | <b>% Done:</b>         | 100%         |
| <b>Category:</b>  | High-Throughput-Computing               | <b>Estimated time:</b> | 0.00 hour    |
| <b>Target version:</b>  | Dataminer and StatMan provisioning      |                        |              |
| <b>Infrastructure:</b>  | Development, Pre-Production, Production |                        |              |
| <b>Description</b><br>As reported in #4652#note-24, the system Locale is equal to "C" on DataMiner, whereas it is UTF-8 on RStudio. The DataMiners Locale should be aligned to RStudio. |   |                        |              |

#### History

##### #1 - Sep 30, 2016 03:37 PM - Gianpaolo Coro

- Tracker changed from Support to Task

##### #2 - Sep 30, 2016 05:03 PM - Andrea Dell'Amico

- Assignee changed from \_InfraScience Systems Engineer to Andrea Dell'Amico

I see that rstudio.d4science.org explicitly sets the LANG variable here:

```
cat /etc/default/locale
# File generated by update-locale
LANG=en_US.UTF-8
```

while the VMs provisioned by ansible do not. The environment is set as en\_US.UTF-8 on both the dataminer hosts and rstudio, but java does not read the environment. What do you prefer? UTF8 everywhere?  
If not, I'll remove that file from the rstudio servers.

##### #3 - Sep 30, 2016 05:20 PM - Gianpaolo Coro

Yes, the request is to have UTF-8 everywhere

##### #4 - Sep 30, 2016 07:35 PM - Andrea Dell'Amico

- Status changed from New to In Progress

- % Done changed from 0 to 100

- Infrastructure Development, Pre-Production added

Done. The tomcat service needs a restart before being able to see the new setting.

##### #5 - Sep 30, 2016 07:35 PM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

##### #6 - Oct 06, 2016 11:27 PM - Emmanuel Blondel

- Parent task changed from #4652 to #5448

##### #8 - Oct 06, 2016 11:30 PM - Emmanuel Blondel

Sorry, i was not aware of this new ticket, so in the meanwhile i've created a support ticket for this to split from the usecase where i had to troubleshoot this (now set as parent, and copied to key users). Many thanks for your prompt action, i will test it ASAP, and come back to you.

##### #9 - Oct 07, 2016 01:45 PM - Andrea Dell'Amico

Emmanuel Blondel wrote:

Sorry, i was not aware of this new ticket, so in the meanwhile i've created a support ticket for this to split from the usecase where i had to troubleshoot this (now set as parent, and copied to key users). Many thanks for your prompt action, i will test it ASAP, and come back to you.

Please wait for a feedback by @gianpaolo.coro@isti.cnr.it , he's him that will call a service restart. Until then, the java environment will not see the change.

**#10 - Oct 07, 2016 06:45 PM - Emmanuel Blondel**

Thanks Andrea for the information, and for your prompt action on this ticket (again sorry, i was not in copy of the ticket that's why i didn't provide *feedback* so far). For the *feedback*, in order to rationalize my effort on this (i've few effort for this kind of troubleshooting/checking), i will just wait for #5461 (check the process itself and that locales are fine). Thanks again

**#11 - Oct 07, 2016 07:54 PM - Andrea Dell'Amico**

Emmanuel Blondel wrote:

Thanks Andrea for the information, and for your prompt action on this ticket (again sorry, i was not in copy of the ticket that's why i didn't provide *feedback* so far). For the *feedback*, in order to rationalize my effort on this (i've few effort for this kind of troubleshooting/checking), i will just wait for #5461 (check the process itself and that locales are fine). Thanks again

No problem, my fault that I didn't add you from the start.  
About the Java locale, if it still doesn't use the right one we can force it from the command line.

**#12 - Oct 18, 2016 02:48 PM - Andrea Dell'Amico**

@emmanuel.blondel@fao.org did you have the chance to test this?

**#13 - Oct 19, 2016 02:28 PM - Emmanuel Blondel**

Not yet. Generally speaking i would prefer to check this through the feature requested in #5461. But if you wish, i can try ASAP to reproduce the issue i had with locales.

**#15 - Oct 19, 2016 02:34 PM - Andrea Dell'Amico**

Emmanuel Blondel wrote:

Not yet. Generally speaking i would prefer to check this through the feature requested in #5461. But if you wish, i can try ASAP to reproduce the issue i had with locales.

It's OK to wait for #5461, I'm adding a dependency against it.

**#16 - Feb 14, 2017 04:10 PM - Gianpaolo Coro**

- Status changed from Feedback to Closed