Test Session Charter

Link to the user guide:
https://github.com/smarisa/neronet/blob/us1_user_guide/doc/user_guide.rst

1. What - tested areas

The peer team will test the following attributes of Neronet CLI:

- Specifying clusters by their name, address and type
- Specification of single experiments
- Submitting experiments to unmanaged nodes
- Experiment status report

2. Why - goal and focus

The main focus of testing is to see if Neronet works with different kinds of experiment files, as well as finding out potential errors in cluster specification, experiment specification or experiment submitting.

3. How - approach

The peer team will follow the instructions given in the user guide while taking into account the following remarks:

- Specification of clusters: The only cluster type that can be used at the moment is ‘undefined’. Slurm clusters aren’t expected to work. Also, the only parameters that are supposed to work are cluster’s name, address and type
- Specification of single experiments: Inheritance, warnings, and overall specification of multiple experiments is not supported yet.
- Submitting experiments to clusters of type ‘undefined’ and retrieving the experiment’s current state (defined/submitted/finished, other states are not supported yet)
- Experiment status report should print the things defined in the user guide

The peer team must create the experiments they intend to use in testing. Tests can use any framework, programming language or library as long as they are runnable with the commands defined in Neronet’s user guide (section: Specification of experiments in Neronet CLI)

Test scenarios:

- Defining experiments developed with **different frameworks**
- Defining multiple clusters
- Submitting experiments to be run in **different clusters**
- Retrieving the experiment status before and after the submission

4. Exploration log

The exploration log is to be added here.
SESSION START TIME: 2016-03-14 13:30

DURATION (hours): 1:45

TESTER: Tim Tester

BUILD: 1.34

ENVIRONMENT: Windows 7 + SP1

4.1 Data files

- Any used or created test data files

4.2 Test notes

- Test notes that describe what was done, and how.
- Detailed enough to be able to use in briefing the test session with other persons.
- Detailed enough to be able to reproduce failures.

4.3 Bugs

- Defect tracking system bug ID:s and optionally short descriptions

4.4 Issues

- Any observations, issues, new feature requests and questions that came up during testing but were not reported as bugs.