

ADAMS

Advanced **D**ata mining **A**nd **M**achine learning **S**ystem

Module: adams-dl4-insight

dl4j
Q

Peter Reutemann Dale Fletcher

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Chapter 1

Flow

1.1 Iteration listeners

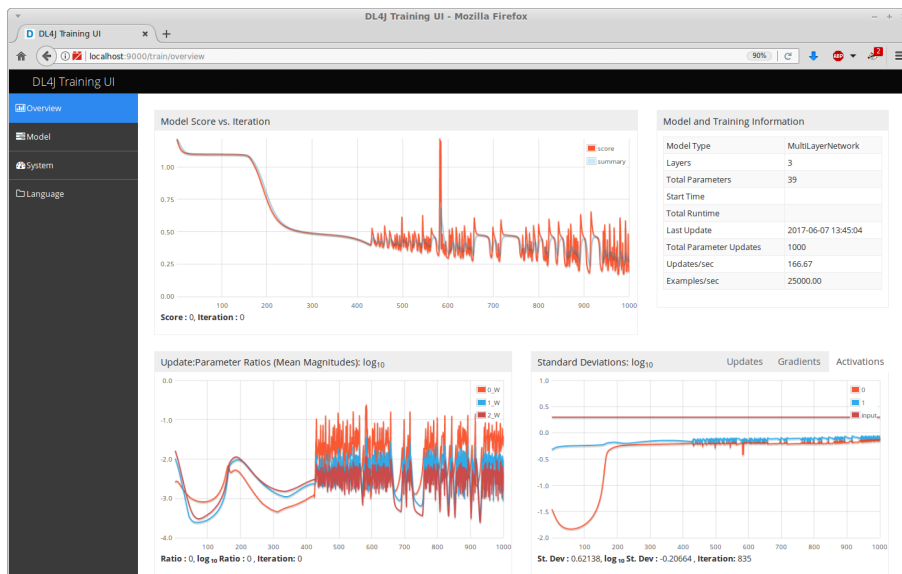
By default, building models does not provide any insight into how the building is going. However, DL4J offers iteration listeners that can shed some light on the build process.

These listeners can be attached to the following actors:

- DL4JCrossValidationEvaluator
- DL4JTrainModel
- DL4JTrainTestSetEvaluator

The following schemes for configuring iteration listeners are available:

- *InMemoryStatsListenerConfigurator* – stores statistics in memory and allows accessing them via a web interface on <http://localhost:9000/train>



Bibliography

- [1] *ADAMS* – Advanced Data mining and Machine learning System
<https://adams.cms.waikato.ac.nz/>
- [2] *nd4j* – N-Dimensional Arrays for Java.
<http://deeplearning4j.org/>