

TreeML (.xml)

Description

Load data in the TreeML format, which was created by Jean-Daniel Fekete and Catherine Plaisant to support the InfoVis 2003 Contest. The TreeML format is described here: http://cs.marlboro.edu/courses/fall2006/tutorials/information_visualization/TreeML and has a DTD here: <http://www.nomencurator.org/InfoVis2003/download/treeml.dtd>

The tree data can of course be used in all graph algorithms as well as tree algorithms.

Pros & Cons

WARNING: The current implementation of TreeML reader does not support leaves hanging directly from the root of the tree. All leaves must be under branches. Future versions should correct this problem.

The format is verbose and relatively obscure, but also a simple and easily understandable way of describing tree structures.

Implementation Details

This algorithm wraps the Prefuse TreeML reader.

Acknowledgements

Jean-Daniel Fekete and Catherine Plaisant, for creating the format

References

<http://www.nomencurator.org/InfoVis2003/download/treeml.dtd>

http://cs.marlboro.edu/courses/fall2006/tutorials/information_visualization/TreeML

<http://prefuse.org/doc/api/prefuse/data/io/TreeMLReader.html>