



TECHNOLOGY

SpaceTree: A Zoomable Hierarchy Visualization

OVERVIEW

SpaceTree is a novel tree browser that builds on the conventional layout node link diagrams along a single preferred direction. It adds dynamic rescaling of branches of the tree to best fit the available screen space, optimized camera movement, and the use of preview icons summarizing the topology of the branches that cannot be expanded. In addition, it includes integrated search and filter functions. A controlled experiment showed benefits for navigation tasks to already previously visited nodes and estimation of overall tree topology.

See <http://www.cs.umd.edu/hcil/spacetree/>

For additional information please contact the Office of Technology Commercialization, University of Maryland, College Park at 301 405-3947 or by e-mail at otc@umd.edu.

CONTACT INFO

UM Ventures
0134 Lee Building
7809 Regents Drive
College Park, MD 20742
Email: umdtechtransfer@umd.edu
Phone: (301) 405-3947 | Fax: (301) 314-9502

Additional Information

INSTITUTION

University of Maryland, College Park

PATENT STATUS

Copyright © University of Maryland

LICENSE STATUS

Available for non-exclusive license

CATEGORIES

- Information Technology

EXTERNAL RESOURCES

IS-2002-076