



## 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](mailto:otc@umd.edu).

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## Additional Information

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### PATENT STATUS

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### CATEGORIES

- Information Technology

### EXTERNAL RESOURCES

#### DOCKET CODE

IS-2002-076

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