

Biology Design Studies

- comparative functional genomics
 - Pathline
- comparative genomics (synteny)
 - MizBee
- gene expression + interaction network
 - Cerebral



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General Design Studies

- large-scale system monitoring
 - LiveRAC
- web logs
 - SessionViewer
- computational linguistics
 - Constellation



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Dimensionality Reduction

- visual dimensional analysis and reduction toolkit
 - DimStiller
- GPU accelerated MDS
 - Glimmer
- steerable MDS
 - MDSteer

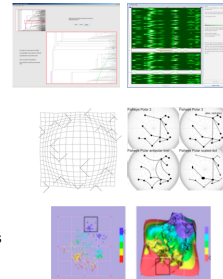


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User Studies

- overview use
 - stretch and squish vs. pan/zoom navigation
 - separate vs. integrated views
- impact of distortion on visual search, visual memory
- 2D points vs. 3D landscapes

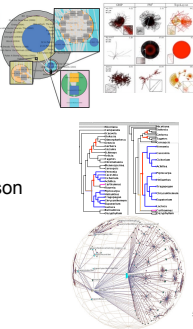


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Graph/Tree Vis

- general multilevel graphs
 - layout
 - TopoLayout
 - interaction
 - Grouse, GrouseFlocks, TugGraph
- evolutionary tree comparison
 - TreeJuxtaposer
- 3D hyperbolic graphs
 - H3



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Theory/Models

- nested model for design and validation
- papers process and pitfalls



- papers process and pitfalls

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