

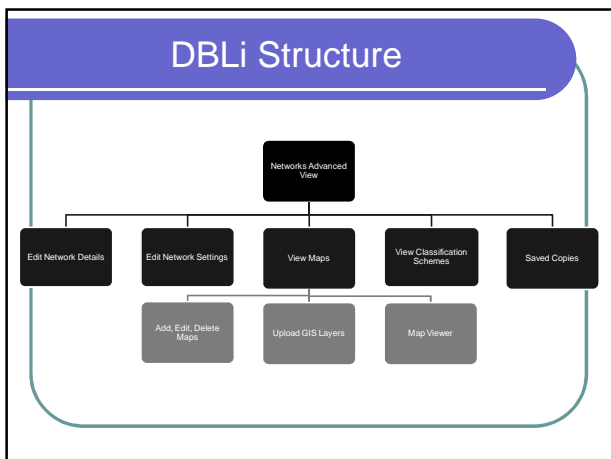
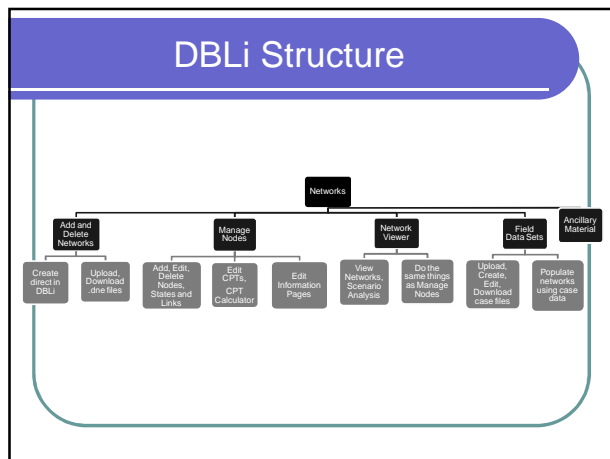
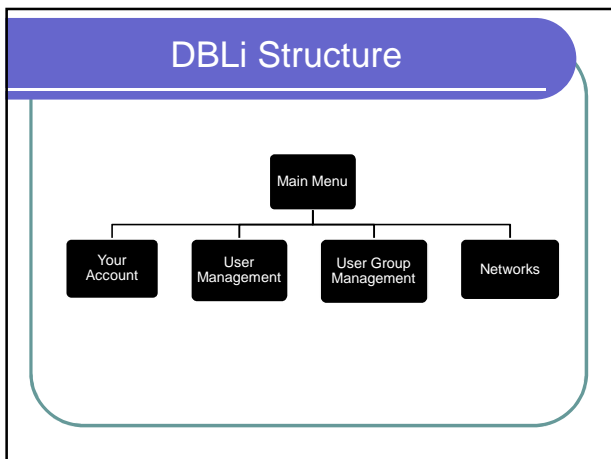
DBL Interactive

A Bayesian network decision support toolkit for the web

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What is DBLi?

- A web-based BN decision support toolkit
- Designed to meet the growing need to web-based model building and delivery tools
- Combines the following:
 - A database (SQL Server)
 - A BN engine (Smile)
 - A graphical user interface (Adobe Flash/Flex, HTML)
 - A GIS (ASPmap)
 - Custom built tools (field data set manager, CPT calculator, information pages, discussion boards, etc.)



Demo

www.decisionbasedlearning.org/HostedSites/ABNMS2009

Live Site

www.uq.edu.au/Brigalow

Go to Decision Support Tools

www.decisionbasedlearning.org/HostedSites/BrigalowWebSite

Future Enhancements

- Sensitivity Analysis – Mutual Info and Variance Reduction
- Error Matrices, Automatic Bootstrapping
- Support for OOBNs – Linked networks, networks within networks
- Scenario comparisons
- Editing maps through the map viewer – modifying polygons and their attributes
- Learning probabilities directly from maps