

## **MiscDiagramTree**

- draw different line styles
- draw attachments and collapse sign
- drag and drop of objects (images and object links)
- text in node (placement top/middle/bottom) and drawing
- automatic resize behaviour

## **MiscTreeDiagramView**

- zooming, and zooming with rubberband, ruler view
- drag and drop of objects (images and object links)
- better method names
- documentation of class
- target action methods for undo/redo, style changes, find/replace, collapse/expand, copy/paste (style), promote style, show/hide marker, show/hide ruler
- good field editor
- background color
- enable/disable editing, selecting
- flexible, configurable growing behaviour

## **MiscTreeDiagram**

- saving to DGI2
- find and replace protocol
- undo should be consistent
- begin/end editing should be matched by begin/end undo groups
- support for find/replace
- label setting through this class and not directly on node

## **Supporting classes**

- MiscNodeStyle: text placement
- MiscTreeStyle:all
- MiscNodeAttachment:all
- MiscNodeWell: label editing
- change names to MiscTD... and make some of them private

## Other

- framework documentation, API documentation, filter documentation
- thorough testing and beta program
- inspectors for framework
- supporting classes documentation
- make a IB palette
- style browser and ascii file format
- filter panel ala WetPaint and filter API
- filters: ObjC, MMA, UNIX dirs, HTML
- read wood files

## Known bugs and problems

- changing shapes sometimes crashes app with  
*Memory access exception on address .... (invalid address) in nxzonefreenolock ()*
- collapse sign does not show, image does not draw
- setting menu titles for collapse/expand and undo/redo does not work
- printing a zoomed view
- glitches when scrolling
- problems with node labels and drawInRect
- problems with field editor