

**Submission MiscKit2 (Sep 26, 1996)**

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**Changes:**

**1.) MiscTreeDiagramView**

- isOpaque:YES
- problems when scrolling to selected node fixed
- titles of undo/redo menus change (NeXT has fixed the menu title problems)

**2.) Internal architecture in MiscTreeDiagram.subproj**

- MiscTreeDiagramViewAPI.h obsolete, has been deleted
  - MiscTDViewUtils.h private now
  - MiscTDScrollView renamed to MiscZoomScrollView and made general and public;  
moved to top level and defined protocol MiscZooming for document views of MiscZoomScrollView;  
has a nib with zoom controls
  - only public headers are
    - MiscDiagramShape.h
    - MiscDiagramTree.h
    - MiscNodeStyle.h
    - MiscTreeDiagramView.h
    - MiscTreeDiagram.h
    - MiscTreeStyle.h
- and
- MiscTDDocAPI.h (which will be deleted when MiscDocController gets in the kit)

**3.) MiscTreeDiagram**

- beginEditing starts undo group, endEditing commits undo group (doesn't work well yet)

**4.) MiscDiagramShape**

- uses MiscFoundation/MiscUtilities
- createWith... replaced with alloc.. init

**5.) MiscSortedCollection**

- uses MiscFoundation/MiscUtilities
- implements <NSCoding>

**6.) Copyright messages**

- inserted proper copyright messages in MiscUndoManager.[hm] and all the test apps.

**7.) MiscRubberband**

- completely converted and extended
- has test app now

## 8.) **TestTreeDiagram app**

- changed to use new MiscZoomScrollView

## 9.) **New Documentation**

- documentation for MiscZoomScrollView, MiscRubberband, MiscPSView, MiscMMAView, MiscMMAProcessor, MiscNodeStyle, MiscTreeStyle

## 10.) **MiscTreeDiagram framework now supports writing Diagram!2 files**

- included MiscDGWriter class for writing DG!2 files

## 11.) **MiscTreeDiagramView**

- has three different modes of operation
- can be configured as a palette (similar to DG!2 palette)
- can set background color
- TestTreeDiagram modified accordingly: (TDNodeWell no longer needed)

# Near future

## **Documentation**

- doc for MiscTreeDiagramView
- check all the docs

## **MiscDiagramTree**

- draw different line styles
- draw attachments, images, object links and collapse sign
- drag and drop of objects (images and object links)
- automatic resize behaviour

## **MiscTreeDiagramView**

- ruler support
- drag and drop of objects (images and object links)
- target action methods for undo/redo/flushUndo, style changes, find/replace, collapse/expand, copy/paste (style), promote style, show/hide marker, show/hide ruler

## **MiscTreeDiagram**

- find and replace

## Known bugs and problems

### **MiscTreeDiagram**

- collapse sign does not show, image does not draw
- printing a zoomed view
- glitches when scrolling
- undo/redo groups in beginEditing/endEditing

### **MiscSortedCollection**

- NSCodering not tested

## Suggestions for administrator

- put the Documentation folder in Resources (choose folder when adding resource)
- remove lines 16 - 21 in MiscApplconAnimator.h. Reason: NXTransportExtensions does not exist anymore.