

File created: 2-Aug-2022 10:18:49 {DSK}<home>larry>git-loops>system>LOOPSBROWSE.;3

changes to: (FNS \Place-Menu-Group-In-Window)

previous date: 6-Nov-91 14:53:35 {DSK}<home>larry>git-loops>system>LOOPSBROWSE.;2

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

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(RPAQQ **LOOPSBROWSECOMS**

[(CLASSES LatticeBrowser ClassBrowser FileBrowser InstanceBrowser SupersBrowser MetaBrowser)

;;; Generic Lattice browser

```
(METHODS ClassBrowser.AddRoot ClassBrowser.CareAbout? FileBrowser.Browse FileBrowser.CareAbout?
  FileBrowser.LoadMasterscope? InstanceBrowser.AddRoot LatticeBrowser.AddRoot
  LatticeBrowser.BoxNode LatticeBrowser.Browse LatticeBrowser.BrowserObjects
  LatticeBrowser.ChangeFontSize LatticeBrowser.ChangeFormat LatticeBrowser.ChangeMaxLabelSize
  LatticeBrowser.Clear LatticeBrowser.ClearLabelCache LatticeBrowser.DeleteFromBrowser
  LatticeBrowser.DeleteSubtreeFromBrowser LatticeBrowser.DisplayBrowser
  LatticeBrowser.DisplayNodeHighlights LatticeBrowser.DisplayNodeShading
  LatticeBrowser.DoCommandInProgress LatticeBrowser.DoSelectedCommand LatticeBrowser.EditObject
  LatticeBrowser.FlashNode LatticeBrowser.FlipNode LatticeBrowser.GetDisplayLabel
  LatticeBrowser.GetLabel LatticeBrowser.GetNodeList LatticeBrowser.GetSubs
  LatticeBrowser.GraphFits LatticeBrowser.HasObject LatticeBrowser.HighlightNode
  LatticeBrowser.IconTitle LatticeBrowser.LeftSelection LatticeBrowser.LeftShiftSelect
  LatticeBrowser.MakeParameterMenu LatticeBrowser.MessageFormForProcess
  LatticeBrowser.MiddleSelection LatticeBrowser.MiddleShiftSelect LatticeBrowser.NewItem
  LatticeBrowser.NodeRegion LatticeBrowser.ObjNamePair LatticeBrowser.ObjectFromLabel
  LatticeBrowser.PositionNode LatticeBrowser.Recompute LatticeBrowser.RecomputeInPlace
  LatticeBrowser.RecomputeLabels LatticeBrowser.RemoveFromBadList LatticeBrowser.RemoveHighlights
  LatticeBrowser.RemoveShading LatticeBrowser.SaveInIT LatticeBrowser.ShadeNode
  LatticeBrowser.ShapeToHold LatticeBrowser.Show LatticeBrowser.Shrink LatticeBrowser.SubBrowser
  LatticeBrowser.TitleSelection LatticeBrowser.UnmarkNodes LatticeBrowser.Unread
  LatticeBrowser.Update MetaBrowser.CareAbout? SupersBrowser.CareAbout?)
(FNS AddMenuWindow BoxPrintString BoxWindowNode BreakStringForBoxing Browse ClearCache DoMenuMethod
  DualMenu DualSelection DualSubItems FILECLASSES FileBrowse FindSelectedNode
  FunctionMenuWhenSelectedFn ItemsForType LatticeBrowser.ButtonFn LatticeBrowser.WhenHeldFn
  LatticeBrowser.ExpandFn LatticeBrowser.IconButtonEventFn LispXSend Menu-Group-Size
  Repeat-Menu-Window SubItemSelection TreeRoots ReachableNodes! ChildNodes \DeleteSubtree
  \Menu-Group-Size \Place-Menu-Group-In-Window \PortableGraphNodeID \Remove-Menu-Group-From-Window)
(VARS BrowserMargin GRAYSHADE1 GRAYSHADE2 GRAYSHADE3 GRAYSHADE4 MaxLatticeHeight MaxLatticeWidth
  NestedMenuFlg)
(SPECVARS MaxLatticeHeight MaxLatticeWidth)
(BITMAPS BrowserIconBM)
```

;;; Class browser

```
(METHODS ClassBrowser.AddCategoryMenu ClassBrowser.MessageFormForProcess ClassBrowser.AddNewCV
  ClassBrowser.AddNewIV ClassBrowser.AddNewMethod ClassBrowser.AddSpecializedMethod
  ClassBrowser.AddSuper ClassBrowser.BoxNode ClassBrowser.CVDoc ClassBrowser.ClassDoc
  ClassBrowser.CopyCVTo ClassBrowser.CopyIVTo ClassBrowser.CopyMethodTo ClassBrowser.DefineSubclass
  ClassBrowser.DeleteCVUsingBrowser ClassBrowser.DeleteClass ClassBrowser.DeleteClassItem
  ClassBrowser.DeleteIVUsingBrowser ClassBrowser.DeleteMethodUsingBrowser
  ClassBrowser.DestroyAndRecompute ClassBrowser.EditCategory ClassBrowser.FindWhere
  ClassBrowser.GetMethodDoc ClassBrowser.GetSubs ClassBrowser.IVDoc ClassBrowser.LeftShiftSelect
  ClassBrowser.MethodMenu ClassBrowser.MoveCVTo ClassBrowser.MoveIVTo ClassBrowser.MoveMethodTo
  ClassBrowser.MoveSuperTo ClassBrowser.NewItem ClassBrowser.PrintCategories ClassBrowser.RenameCV
  ClassBrowser.RenameClass ClassBrowser.RenameIV ClassBrowser.RenameMeth ClassBrowser.RenamePart
  ClassBrowser.RetireMethod ClassBrowser.SetItNew ClassBrowser.WhereIsCV ClassBrowser.WhereIsIV
  ClassBrowser.WhereIsMethod)
(FNS ClassBrowserMarkChanged UpdateClassBrowsers)
(INITVARS (ClassBrowsersThatNeedUpdating NIL)
  (UpdateClassBrowsers? T))
(FUNCTIONS UpdateClassBrowsers? WithCategories)
(GLOBALVARS ClassBrowsersThatNeedUpdating)
(SPECVARS UpdateClassBrowsers?)
(ADDVARS (MARKASCHANGEDFNS ClassBrowserMarkChanged))
```

;;; File browser

```
(METHODS FileBrowser.AddFile FileBrowser.AddNewMethod FileBrowser.AddSpecializedMethod
  FileBrowser.AddSubs FileBrowser.AddSubs! FileBrowser.BreakFunction FileBrowser.BrowseFile
  FileBrowser.ChangeDisplayMode FileBrowser.CollectMethodList FileBrowser.DefineSubclass
  FileBrowser.EditComs FileBrowser.EditFns FileBrowser.EditInstances FileBrowser.EditMacros
  FileBrowser.EditRecords FileBrowser.EditVars FileBrowser.File FileBrowser.IconTitle
  FileBrowser.ListFile FileBrowser.LoadPropFile FileBrowser.LoadAllPropFile
```

```
FileBrowser.LoadFnsPropFile FileBrowser.MakeFunctionMenu FileBrowser.NewItem
FileBrowser.Recompute FileBrowser.SaveFile FileBrowser.SelectFile FileBrowser.SetItNew
FileBrowser.SubBrowser FileBrowser.TraceFunction FileBrowser.UnbreakFunction)
(FNS FileBrowserMarkChanged)
(ADDVARS (MARKASCHANGEDFNS FileBrowserMarkChanged))
```

;;; MasterScope methods

```
(METHODS FileBrowser.AddAnalysisMenu FileBrowser.AnalyzeFile FileBrowser.CallsFunction
FileBrowser.CheckMenuItem FileBrowser.CheckFile FileBrowser.ComputeMenuItems
FileBrowser.EditMenuItem FileBrowser.ImplementsMethod FileBrowser.OverridesMethod
FileBrowser.SelectItemName FileBrowser.SendsMessage FileBrowser.SpecializesMethod
FileBrowser.SubstituteMenuItem FileBrowser.UsesCV FileBrowser.UsesIV FileBrowser.UsesItem
FileBrowser.UsesLispVar FileBrowser.UsesObject)
(FNS UsesMenuWhenSelectedFn)
```

;;; Instance browser

```
(METHODS InstanceBrowser.GetSubs InstanceBrowser.NewPath)
```

;;; Supers browser

```
(METHODS SupersBrowser.GetSubs)
```

;;; Meta browser

```
(METHODS MetaBrowser.GetSubs)
(DECLARE%: DONTEVAL@LOAD DOEVAL@COMPILE DONTCOPY COMPILELVARS (ADDVARS (NLAMA)
(NLAML LispSend)
(LAMA]))
```

```
(DEFCLASSES LatticeBrowser ClassBrowser FileBrowser InstanceBrowser SupersBrowser MetaBrowser)
```