

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
Repair-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 COMPILERVERS (ADDVARS (NLAMA)
(NLAML LispSend)
(LAMA]))
```

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