

_eng

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Chapter 1

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1.1 _eng.guide

Listtree.mcc 0.17 - Documentation

Read first:

Copyright	Copyright and disclaimer.
Description	What is Listtree.mcc?
Requirements	What you need!
Installation	How to install.

Appendices:

History	History of Listtree.mcc.
ToDo	What is to do in future?
Credits	Thanks are going to ...
Index	Index of this document.

1.2 _eng.guide/Copyright

Copyright

Listtree.mcc (C) 1994-97 kMel, Klaus Melchior

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1.3 _eng.guide/Description

What is Listtree.mcc?

Listtree is a MUI Custom Class of the Magic User Interface (c) by Stefan Stuntz.

1.4 _eng.guide/Requirements

What you need !

- MUI >= 3.0 (Version 11), better: MUI3.2
- Crawling.mcc for preferences

1.5 _eng.guide/Installation

How to install!

```
copy Listtree/MUI/Libs/MUI/Listtree.mcc MUI:Libs/MUI/
copy Listtree/MUI/Libs/MUI/Listtree.mcp MUI:Libs/MUI/

copy Listtree/AutoDocs/MCC_Listtree.doc AutoDocs:
copy Listtree/Include/MUI/Listtree_mcc.h Include:MUI/

copy Listtree/Oberon/txt/Listtree_mcc.mod
copy Listtree/Modula/txt/MCCListtree.def
```

If you are using MUI < 3.2, you cannot modify the preferences of Listtree.mcc anymore. This will change if MUI3.2 is released.

1.6 _eng.guide/History

History of Listtree.mcc

```
0.1  15.05.94  * first beta release to [ss]

        16.05.94  + MUIA_Listtree_SplitChars
                  + MUIA_Listtree_ShowSplitChars
                  + MUIA_Listtree_PreSpace
                  + close drawer closes all entries inside
                  + mem pools

0.2  17.05.94  * beta to [ss]
                  + check click columns

        29.12.94  + own images
                  + one column for image & text
                  + Listtree_TreeColumn

        30.12.94  + listtree is sorted
                  + display hook
                  + nodes with User-Entry

0.3  31.12.94  * beta to [ss]

        01.01.95  + construct/destruct hook
                  + ability to change EndKnot text
                  + MUIA_Listtree_Entries
                  + MUIM_Listtree_GetEntry

0.4                                * beta to [ss]

        07.05.95  - destruct hook, enforcer hit removed

                  + listtree prefs for MUI3

0.5  12.09.95  * beta to [ss] for MUI3
```

```
> 2 classes now, Listtree.mcc & ListtreeName.mcc
+ remembers the status of the tree nodes
+ working well...

0.6 13.10.95 * beta to mailing list
          + MUIM_Listtree_GetEntry
          + MUIV_Listtree_Open_ListNode_Parent works
          * to [ss] for MUI Prefs

14.10.95 - bug in refresh routine, fixed
          + open, close trees with MUI keys [ill]
          + open, close active entry is working now
          + calculate the width of the tree node images
          + generate the spacing image

15.10.95 + several styles
          - Win95 works not
0.7      * beta to mailing list

16.10.95 + New ImageObjects functions for listview by stuntzi
          + Win95-Area class
          + New style: Lines
          + Win95 style works
          * beta to [cs]

17.10.95 + Default images under MUIv11 works now
          * beta to [ss]
          + PopButton for pen of lines
          - Win95 leaf node draw bug, fixed [ss]
          - Open_All() bug fixed
          - _SetUp: space & style not copied, fixed
          + disable buttons
          * beta to [ss]

19.10.95 + Win95: plus/minus moved to right [ss]

20.10.95 - check treecolumn after doubleclick removed [ss]
          + Win95: draw lines, pattern fixed [ss]
          * beta to [ss]

          - default images, Enforcer hits fixed
          + new Oberon, Modula2 includes

21.10.95 + SingleClick changes status of nodes [ss]
          + cycle chain completed
          + bubble help added

0.8 22.10.95 * beta to mailing list

30.10.95 + new DragNDrop method implemented
          + Drag&Drop indicator only style 'Lines'

01.11.95 + List indicator, new MUI3
          + Spacing range from 0 to 16 [ss]
          + Drag&Drop implemented
          + Drag&Drop indicator, all styles
          + MUIM_Listtree_Move (only for visible entries) [rs]
```

- 0.9
 - * beta to mailing list
 - 07.11.95
 - + MUIV_Listtree_GetEntry_Flags_SameLevel [rs]
 - Bug MUIM_Listtree_Remove, Enforcer hit removed [rs]
 - * beta to [rs]
 - 08.11.95
 - Prefs sample bug removed [ss]
 - * beta to [ss]
 - 09.11.95
 - + MUIA_Listtree_Quit [op] [rs]
 - + Autodocs created, not all!
 - 0.10
 - * beta to mailing list
 - 10.11.95
 - Bug, after Drag&Drop entry is active [rs]
 - * beta to [rs]
 - 12.11.95
 - + MUIM_Listtree_TestPos [rs]
 - * beta to [rs] [ss]
 - 14.11.95
 - + more MUIM_Listtree_GetEntry functions
 - DoubleClick on leaf, refresh bug fixed [rs]
 - some private methods removed
 - + more AutoDocs
 - 0.11
 - * beta to mailing list
 - 16.11.95
 - + adapted to MUIv12
 - 17.11.95
 - + MUIM_Listtree_Rename [rs]
 - 19.11.95
 - Set MinHeight of lines, font size < 8 trashes the Win95 style. fixed [ss]
 - SetUp data now set correctly
 - * beta to [ss] [rs] [ow]
 - 20.11.95
 - + MUIA_Listtree_DoubleClick
 - + Notify on MUIA_Listtree_DoubleClick
 - DoSuperMethod at set() fixed
 - + Notify on MUIA_Listtree_DoubleClick on leaves
 - 21.11.95
 - * MUI 3.1
 - 22.11.95
 - + MUIM_Listtree_GetNr
 - 23.11.95
 - + Notify on MUIA_Listtree_Active [op]
 - 24.11.95
 - Bug in IsMinListEmpty(), fixed [rs]
 - * beta to [rs]
 - 25.11.95
 - Bug in move_node(), wrong display flags, fixed
 - + MUIA_Listtree_SortHook, own hooks are not working yet! [rs]
 - + MUIM_Listtree_Exchange
 - + TPF_MIDDLE exchanges the leaves after D&D
 - + Nodes or leaves can be D&D into other nodes
 - 26.11.95
 - + MUIA_Listtree_EmptyNodes
 - + Source splitted, now DMake
-

```

+ Autodocs

27.11.95 + Changes in Modula2 & Oberon interface
+ Autodocs
0.12    * beta to mailing list

01.12.95 - DisplayOpened fixed

03.12.95 + MUIM_Listtree_DragQuery
+ MUIM_Listtree_DragReport
+ MUIM_Listtree_DragDrop
- MUIM_Listtree_TestPos
+ MUIV_Listtree_Insert_Flags_NextNode
* beta to [rs]

04.12.95 - exchange nodes, bug fixed
+ TNF_FROZEN [rs]
+ TNF_NOSIGN [rs]

05.12.95 + MUIA_Listtree_OpenHook
+ MUIA_Listtree_CloseHook
+ MUIA_Listtree_SortHook, own hooks [op]
* beta to [rs] [op]

07.12.95 + insert entry in closed node, bug fixed [rs]
* beta to [rs]

17.12.95 + MUIV_Listtree_Rename_Flag_User

0.13    * internal release for [ow] [rs] [ss]

..... - MUIM_Listtree_DragQuery removed
- MUIM_Listtree_DragReport removed
- MUIM_Listtree_DragDrop removed
+ MUIM_Listtree_FindName
+ MUIM_Listtree_SetDropMark
+ MUIA_Listtree_DuplicateNodeName
+ Listtree.mcc splitted for MUI3.2 & AT
+ Listtree.mcp
- many Bugs fixed [all]

0.14 25.01.96 * beta to several people

31.01.96 + MUIA_Listtree_Changed for Bookmarks.mcc
- bugs in GetEntry() fixed
- exchange nodes disabled!

..... - several bugs fixes
* MUI3.3, binary only

05.03.96 - MUIA_Listtree_Rename docs fixed [mn]

11.03.96 - entries not freed at dispose, fixed [rs]

..... - Modula-2 interface bugs fixed [op]
- OM_Dispose handling fixed [ss]

```

23.03.96 > Interface for E included [js]
0.15 * beta to several people

29.03.96 + drop items on every position of the listtree added
- fixed bugs with DuplicateNodeName [js]
* beta to [ss] [ow] [rs]

09.04.96 - fixed bug while _Dispose() [sb] [ss]
* beta to [ss] [ow] [cd] [sb]

..... + new internal functions for Bookmark.mcc
+ MUJA_Listtree_SetDropMark_Values_Sorted
+ MUIV_Listtree_TestPos_Result_Flags_Sorted
+ drop objects under the last entry
- E interface not ready!

0.16 30.04.96 * beta to several people

07.05.96 + Padrino's coolest prefs image inserted

14.07.96 # bumped to v16
* MUI3.5 release, binaries only

08.08.96 - bug, renamed entry wasn't refreshed
+ MUIV_Listtree_Rename_Flags_NoRefresh

11.08.96 - fixed doubleclick on triangle bug [ow] [sb]
* MUI3.6 release, binaries only

13.09.96 - fixed EmptyNodes mode: empty nodes don't react on
open/close
- fixed SingleClick position if TreeColumn not 0

18.09.96 + MUJA_Version, MUJA_Revision

25.09.96 - fixed GetEntry_Position_Tail bug [sb] [js] []
- fixed GetEntry_Position_Next bug [sb] []
- fixed Move_Sorted bug [sb]
0.17b1 * beta to [js] [] [sb] [ss]

26.10.96 + MUIM_Listtree_Sort
+ recompiled with SAS/C 6.57
0.17b2 * beta to [ss]

11.01.97 + winter prefs image, thanks to padrino
+ new style: Lines3D

23.01.97 - bugfix, position of leaves corrected [ss]
- Lines3D: enforcerhits removed [lammy]
+ default color of the shadow lines is now the shadow
pen [lammy]
0.17b3 * MUI 3.7

- documentation fixed

18.04.97 + MUIV_Listtree_Move_NewTreeNode_Head

```
                                + MUIV_Listtree_Move_NewTreeNode_Tail
                                + MUIV_Listtree_Move_NewTreeNode_Active
0.17b4                        * beta to [ss][zc]

                                + USEDCLASSES implemented
21.07.97                      - fixed disappearance of Listtree.mcp
0.17                          * release
```

1.7 _eng.guide/ToDo

What is to do in future?

- Autodocs Methods
- special images in treecolumn, hook? [ow]
- Implement flags of different methods
- installer script
- Localization

1.8 _eng.guide/Credits

Thanks are going to ...

- Stefan Stuntz for his Magic User Interface
- Olaf Peters for his help with the Modula-2 Interface
- Frank Düring for his help with the Oberon Interface
- Jan Hendrik Schulz for his help with the E Interface
- Padrino for his cool prefs image
- Rüdiger Sopp, Markus Illenseer, Oliver Wagner, Michael Nauweiler,
Jerome Souquieres, Stefan Burstroem, Stefan Sommerfeld
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