

**OL.doc**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> OL.doc		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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# Chapter 1

## OL.doc

### 1.1 OL.doc

```
$RCSfile: OLPrefs.doc $
Description: Documentation for the OL preferences tool

Created by: fjc (Frank Copeland)
$Revision: 1.1 $
$Author: fjc $
$Date: 1995/01/25 23:27:50 $
```

Copyright © 1995, Frank Copeland.

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OLPrefs is a tool for viewing and editing preferences files for the Oberon-A link utility, OL.

Distribution	Copyright and distribution
Requirements	What do I need to run OLPrefs

Running OLPrefs...

Shell	...from the Shell
Workbench	...from the Workbench

Settings	Preferences settings
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The Author	Contacting the author
Changes	Changes since the last release
To Do	Bugs to fix and improvements to make
Release history	The history of OLPrefs

### 1.2 Distribution and Copyright

OLPrefs is part of Oberon-A and is:

Copyright © 1995, Frank Copeland

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See Oberon-A.doc for its conditions of use and distribution.

## 1.3 System requirements

OLPrefs requires an Amiga personal computer running AmigaOS 2.04 or greater (Kickstart 37 or greater).

## 1.4 Running OLPrefs from the Shell

Format:                [FROM <filename>] [SAVE]  
                      [SYMSEARCH <pathlist>] [OBJSEARCH <pathlist>]  
                      [WITHPATH <directory>] [PROGPATH <directory>]  
                      [SYMEXT <extensionlist>] [OBJEXT <extensionlist>]  
                      [WITHEXT <extension>] [LINKCMD <linker>]  
                      [LINKARGS <arguments>] [ALINK | BLINK | DLINK]  
                      [VERBOSE | QUIET] [MAKEICONS | NOICONS]

Template:             FROM,SAVE/S,SYMSEARCH/K,OBJSEARCH/K,  
                      WITHPATH/K,PROGPATH/K,SYMEXT/K,OBJEXT/K,WITHEXT/K,  
                      LINKCMD/K,LINKARGS/K,ALINK/S,BLINK/S,DLINK/S,  
                      VERBOSE/S,MAKEICONS/S,QUIET/S,NOICONS/S

Purpose:                To view and edit the preferences settings for the  
                      Oberon-A link utility, OL.

Path:                 Oberon-A/OLPrefs

OLPrefs will display the current settings stored in the file given as an argument. If no file is given, the default of "OL.prefs" is assumed. Preferences files are searched for first in the current directory, then in "PROGDIR:" (the directory containing the OLPrefs tool), and finally in "ENV:OL".

The remaining arguments with the exception of SAVE can be used to over-ride the settings stored in the specified preferences file. The new settings will be displayed instead of the settings in the preferences file. See Preferences Settings for a description of the currently supported settings.

If the SAVE argument is given the displayed settings are written to the file given as an argument, or in "OL.prefs" if none is given.

The Shell stack should be set to at least 4000 bytes. See the Stack command in the AmigaDOS manual.

## 1.5 Running OLPrefs from the Workbench

See Running OLPrefs from the Shell for a general description of the tool's operation and the effect of the various arguments.

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If the OLPrefs icon is double-clicked the tool is run according to the tooltypes stored in its icon. If a preferences file is given as an argument by extended selection, or by double-clicking the file's icon, the tool is controlled by the tooltypes in the preference file's icon.

All the arguments available when running the tool from the Shell can be specified as tooltypes. The tooltypes can be edited by clicking the icon and selecting the "Information" item from the Workbench "Icons" menu.

For switch arguments like SAVE the name of the argument is entered as a tooltype. Keyword arguments like SYMSEARCH are entered as "SYMSEARCH=<argument>". If a preferences file is passed as an argument, the FROM tooltype, if any, is ignored. The standard WINDOW tooltype is also understood by OLPrefs. If it is omitted a default console window is opened.

A typical list of tooltypes might look like this:

```
WINDOW=CON:0/0/640/200/OLPrefs.../CLOSE/WAIT
FROM=OLLib.prefs
(SAVE)
SYMSEARCH=Code
OBJSEARCH=Code
...
```

Enclosing the SAVE argument in parentheses disables it without the need to delete the entire tooltype. To enable it, edit the tooltype to remove the parentheses and save the icon.

Running OLPrefs with the tooltypes given will display the settings in the file "OLLib.prefs", replacing the SYMSEARCH and OBJSEARCH settings with the values given. To update the preferences file with the new settings, you would enable the SAVE argument and run OLPrefs again.

If the SAVE argument is given and the preferences file does not already have an icon, OLPrefs will automatically create one for it. The default icon is found in "ENV:OLPrefs/def\_prefs.info".

The default stack should be set to at least 4000 bytes.

## 1.6 Who is responsible for THIS?

OLPrefs was written by Frank Copeland.

For information on how to contact the author, see Oberon-A.doc.

## 1.7 Release history

1.1 Initial version

1.2 - Added Workbench interface.

- Changed to reflect changes in the preferences file format.

## 1.8 Preferences Settings

The following settings are currently supported:

**SYMSEARCH:** one or more directories to be searched for symbol files. If more than one directory is specified, the entire list must be enclosed in quotes.

**OBJSEARCH:** one or more directories to be searched for object files. If more than one directory is specified, the entire list must be enclosed in quotes.

**WITHPATH:** the directory in which the .with file is to be written.

**PROGPATH:** the directory in which the program executable is to be written by the linker.

**SYMEXT:** one or more file extensions that are used for symbol files. If more than one extension is specified, the entire list must be enclosed in quotes.

**OBJEXT:** one or more file extensions that are used for object files. If more than one extension is specified, the entire list must be enclosed in quotes.

**WITHEXT:** the file extension to be used when creating a name for the .with file.

**LINKCMD:** the full path for the linker's executable.

**LINKARGS:** arguments to be passed to the linker. If there is more than one argument, enclose the entire list in quotes.

**ALINK, BLINK, DLINK:** the format to be used for the .with file. These options are mutually exclusive, and only one may be specified.

**VERBOSE:** OL produces a verbose description of its operation.

**QUIET:** turns off the VERBOSE setting if it is set in the preferences file.

**MAKEICONS:** OL will create an icon for the .with file and the program executable, if there is not one already. The default icons are found in "ENV:OL/def\_with.info" and "ENV:OL/def\_prog.info".

**NOICONS:** turns off the MAKEICONS setting if it is set in the preferences file.

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