

OC.doc

COLLABORATORS

	<i>TITLE :</i> OC.doc		
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WRITTEN BY		December 7, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

OC.doc

1.1 OCPrefs.doc

```
$RCSfile: OCPrefs.doc $
Description: Documentation for the OC preferences tool

Created by: fjc (Frank Copeland)
$Revision: 1.2 $
$Author: fjc $
$Date: 1995/07/02 16:56:50 $
```

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OCPrefs is a tool for viewing and editing preferences files for the Oberon-A compiler, OC.

```
~Distribution~~~~~ Copyright and distribution
~Requirements~~~~~ What do I need to run OCPrefs

Running OCPrefs...
~Shell~~~~~ ...from the Shell
~Workbench~~~~~ ...from the Workbench

Preferences Preferences settings
~GUI~~~~~ Using the OCPrefs GUI

~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 OCPrefs
```

1.2 Distribution and Copyright

OCPrefs is part of Oberon-A and is:

Copyright © 1995, Frank Copeland

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

1.3 System requirements

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

EAGUI.library must be in the LIBS: directory, or in the same directory as OCPrefs.

1.4 Running OCPrefs from the Shell

Format: [FROM <filename>]

Template: FROM

Purpose: To view and edit the preferences settings for the Oberon-A compiler, OC.

Path: Oberon-A/OCPrefs

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

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

1.5 Running OCPrefs from the Workbench

Double-clicking the OCPrefs icon will run OCPrefs and attempt to load the settings file 'OC.prefs'. The program will search first in the current directory, then in ENV:OC. If 'OC.prefs' cannot be located the built-in defaults will be used.

To run OCPrefs with a specific settings file, double-click the settings file's icon, or extend select the settings file before double-clicking the OCPrefs icon.

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

1.6 Using the OCPrefs GUI

The main OCPrefs window is divided into a number of gadget groups. Each group is named and enclosed in a border.

Settings

The name of the currently loaded settings file is displayed in a text gadget. Clicking the browse button at the right of the group launches a file requester which the user can use to select a settings file.

Search Paths

A list view gadget displays a list of directories that the compiler will search for symbol files. Clicking an entry in the list will copy it into the string gadget underneath, where it can be edited. It will also activate the 'Delete' button, which can be used to delete the entry in the string gadget. Clicking the 'Add' button will clear the string gadget and activate it. Text entered in the string gadget will then be added to the list view.

Output Paths & Extensions

This group consists of three pairs of string gadgets, one each for symbol files, object files and error files. The left gadget in each pair contains the output directory for that type of file, while the right gadget contains the extension added to the module name to create the file's name.

Selectors

This group contains two string gadgets, one for selectors that are to be set, and one for selectors that are to be cleared. More than one selector can be entered in each gadget, by separating each name with spaces.

Misc

This group contains two check box gadgets which are used to control the 'Verbose' and 'Make Icons' settings.

Buffers

Two integer gadgets contain the number of bytes to be allocated for the code and constant buffers.

In addition, there are a number of buttons:

Options & Pragmas...

This button opens another window allowing the user to set the default values for the compiler options, code models and pragmas.

About...

Displays a requester with some extremely interesting information.

Save

Saves the current settings in the preferences file.

Save as...

Launches a file requester allowing the user to select a file to which the settings are to be written.

Quit

Exits OCPrefs.

1.7 Who is responsible for THIS?

OCPrefs was written by Frank Copeland.

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

1.8 Release history

1.1 Initial version

1.2 - Added Workbench interface.
- Changed to reflect changes in the preferences file format.

2.1 Completely rewritten as a GUI program, using EAGUI.library to handle the font-adaptive interface.