

**00c9ea30-16**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> 00c9ea30-16		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		August 30, 2024	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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1.1	" . . . . .	1

# Chapter 1

## 00c9ea30-16

### 1.1 "

```
$RCSfile: ToDo.doc $
Description: Planned changes and additions to Oberon-A
Created by: fjc (Frank Copeland)

$Author: fjc $
$Date: 1995/01/25 23:40:22 $
```

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Bugs to be fixed  
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ORU  
\* Totally confused when a symbol file is encountered twice.

FPE  
\* Doing nasty things to memory on some systems.

OC  
\* ?? Is this a bug ?? Look into what happens when type-bound  
procedures and libcalls are declared for a type that is an alias of  
another type instead of an extension. Ie: "XBase = E.Library" instead  
of "XBase = RECORD (E.Library) END"

Planned improvements  
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\*\*\* Scheduled for release 1.6

OC  
\* Replace error codes 331 & 341 with 119.  
\* Add ARexx interface

Oberon-A Library  
\* Extend the application framework modules  
\* Port more of the Oberon System modules

Texts

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- \* Finish C2Oberon.txt.
- \* Write a tutorial for getting started with Intuition, etc.

\*\*\* Not scheduled for any particular release:

#### OC

- \* Resident symbol files to speed up compilations.
- \* Implement definition-only modules
- \* Remember register contents
- \* Add a branch optimisation phase
- \* Add small code and small data models
- \* Implement compiler-generated re-entrancy
- \* Reconsider how pointers to open arrays are handled as procedure results
- \* ?? Allow ARRAY OF SYS.BYTE value parameters. ??

#### Examples

- \* Write some.
- \* Then write some more.
- \* Port some of the AMOK code and document how it should be done.
- \* Port some C examples and document how it should be done.

#### FPE

This is showing signs of its ad-hoc development. Its compiler independant design is also unnecessary. It will be scrapped and replaced with an Oberon-A-specific environment written from scratch, using Kickstart 2.0+ features such as GadTools.

#### BLink

I have had it confirmed that BLink produces lots of Enforcer hits on high-end systems. I will have to find a replacement, or write one myself.