

080ad918-0

COLLABORATORS

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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

080ad918-0

1.1 Index

OBumpRev 0.2
(Bumps Oberon-A module revisions)
Monday 15-Aug-94

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1.2 About the author

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If you find OBumpRev useful, feel free to let me know about it on the back of a postcard of your town. However, you are not obliged to do so.

1.3 Introduction to OBumpRev

OBumpRev will update a revision module. It will do this by getting arguments from the CLI and/or parsing the revision module. OBumpRev will append details about version, revision, file size, date and author to a log file. This way a history of the revisions are kept.

OBumpRev is based on Hartmut Goebel's BumpRevMO. This utility was written in and produced source for AmigaOberon. OBumpRev is for use with Frank Copeland's freely available stand alone Oberon compiler, Oberon-A.

OBumpRev requires Kickstart and Workbench 2 as it:

- o Parses the CLI arguments with AmigaDOS's ReadArgs function.
- o Uses buffered input/output.
- o Support localization. (Kickstart and Workbench 2.1 required)

1.4 Configuring OBumpRev

OBumpRev uses AmigaDOS to parse the arguments passed to it. This presents the user with a consistent interface and goes a long way to make OBumpRev Amiga Style complaint.

You can get the template string by invoking OBumpRev with a "?" as argument from the CLI. This is useful if you are not sure about an argument keyword.

Except for the first argument MODULE that is required, under normal circumstances the rest is best left alone.

Here follows a list of the possible arguments and a short discription of it's usage.

Argument	Description
MODULE	The only required argument and normally if you execute OBumpRev from the CLI you would only specify this argument.
VERSION REVISION	<p>When either or both version and revision numbers are given as an argument, the following is possible:</p> <ul style="list-style-type: none"> o VERSION and REVISION is given. o VERSION is given and REVISION ommited. Revision defaults to 1. o REVISION is given and VERSION is ommited. The last version number is read in from the revision module (see MODULE and REVMODEXT) and used. If no revision module exists version defaults to 0. o When VERSION and REVISION is ommited the last version and revision values is read from the

	revision module (see MODULE and REVMODEXT). If this succeed the revision number is bumped. Failing that or if the revision module doesn't exists the default for version is 0 and revision is 1.
LOGEXT	The default is to append ".logrev" to the MODULE argument to find the source file.
REVMODEXT	The default is to append "Rev.mod" to the MODULE argument to find the source file.
MODEXT	The default is to append ".mod" to the MODULE argument to find the source file.
NOLOG	Suppresses the generation of a log in the revision log file. The default is to append a line with with detail about the module, version, revision, date, file size and author.

1.5 Installing OBumpRev

Installing is a breeze. Simply unpack the archive with LHA to the directory you keep Oberon-A.

For example: LHA -a x Oberon-A_1.4_annex1.lha OBERON-A:

You would also want to set the enviroment variable AUTHOR to something sencible, if it's not already being done. One way of doing this so that it is automacticly set up when booting is to include the following line in your S>User-Startup file.

```
SetEnv >NIL: AUTHOR "Klaas Vakie"
```

If you have Oberon-A installed you probably have OBERON-A:C in your search path. If not you should also add the following to your S>User-Startup.

```
Assign >NIL: OBERON-A: Work:Dev/Oberon-A
Path >NIL: OBERON-A:C ADD
```

The archive should contain the following files:

File	Short description
Docs (dir)	
OBumpRev.guide	This autoguide.
C (dir)	
OBumpRev	The executable program.
Texts (dir)	
GPL.txt	GNU General public license
Source (dir)	
OBumpRev (dir)	
OBumpRev.cd	Catalog description.

OBumpRev.mod	The program text.
OBumpRev.revlog	Revision history file.
OBumpRevMsg.mod	Builtin english strings.
OBumpRevRev.mod	Revision module.
Library (dir)	
BufIO.mod	Buffered input/output module.

1.6 Starting OBumpRev

Under normal usage you will only need to supply OBumpRev with one argument, that being the name of the module's revision you wish to bump.

For example here is a CLI session, that bumps module Aardvark to 0.1 and then again to 0.2:

```
10.Work:Zulu> OBumpRev Aardvark
OBumpRev 0.2, Copyright © 1994 Johan Ferreira.
OBumpRev (Bumps Oberon-A module revisions) comes with
ABSOLUTELY NO WARRANTY. This is free software, and you
are welcome to redistribute it under certain conditions.
See OBumpRev.guide for details.

OBumpRev: Created AardvarkRev.mod.
OBumpRev: Created Aardvark.revlog.
OBumpRev: Bumped Aardvark to 0.1
10.Work:Zulu> Dir
  Aardvark.revlog                AardvarkRev.mod
10.Work:Zulu> Type Aardvark.revlog
MODULE: Aardvark 0.1  DATE: 15.8.94  FILE SIZE: 0 bytes  AUTHOR: Klaas
10.Work:Zulu> Type AardvarkRev.mod
(
*
*   This file was automatically generated by OBumpRev 0.2.
*   DO NOT EDIT THIS FILE!
*)

MODULE  AardvarkRev;

(* $P- Portable code disabled *)

IMPORT  SYSTEM, Exec;

CONST   version *= 0;
        revision*= 1;
        date    *= "15.8.94";
        vers    *= "Aardvark 0.1";
        vString *= "Aardvark 0.1 (15.8.94)";
        versTag *= "$VER: Aardvark 0.1 (15.8.94)";

VAR     strptr: Exec.STRPTR;

BEGIN   (* Make sure that version string is visible *)
        str := SYSTEM.ADR (versTag)
END      AardvarkRev.
10.Work:Zulu> OBumpRev Aardvark
OBumpRev 0.2, Copyright © 1994 Johan Ferreira.
```

OBumpRev (Bumps Oberon-A module revisions) comes with ABSOLUTELY NO WARRANTY. This is free software, and you are welcome to redistribute it under certain conditions. See OBumpRev.guide for details.

```
OBumpRev: Bumped Aardvark to 0.2
10.Work:Zulu> Type Aardvark.revlog
MODULE: Aardvark 0.1  DATE: 15.8.94  FILE SIZE: 0 bytes  AUTHOR: Klaas
MODULE: Aardvark 0.2  DATE: 15.8.94  FILE SIZE: 0 bytes  AUTHOR: Klaas
10.Work:Zulu>
```

1.7 Localization

OBumpRev uses localization to present the user in her preferred language. It also make it possible to easily add support for another language through the use of catalogs.

For more information on localization and the Locale preference editor see the Workbench manual that came with your Amiga computer.

There are 2 ways to make a new catalog:

1. You could edit an existing catalog with a utility like CatEdit. Presently only the builtin english strings exists. You'll have to "compile" a catalog from OBumpRev.cd and use that.
2. Create a catalog translation file from the catalog description file (OBumpRev.cd). Edit the catalog translation file and "compile" a new catalog file with FlexCat.

1.8 To do list

In order of priority:

1. Add localization. (done)

1.9 Acknowledgements

OBumpRev 0.1 is written by Johan Ferreira.
Oberon-A Error Lister (OEL). Copyright © 1994 Johan Ferreira.

OBumpRev.guide was compiled using Heddley.
Heddley. Copyright © 1994 Edd Dumbill.

OBumpRev is compiled with Oberon-A.
Oberon-A. Copyright © 1994 Frank Copeland.

I wish to thank Frank Copeland for his marvellous Oberon-A and his excellent job of maintaining it.

BumpRevMO.mod 1.0. Copyright © 1993 Hartmut Goebel.

I've referred to BumpRevMO.mod and I've used it's GetData () function almost verbatim. The revision module format is also based upon it.

Oberon-A source description for FlexCat by Albert Weinert.
FlexCat 1.0. Copyright © 1993 Jochen Wiedmann.

1.10 Cape Town for the 2004 Olympics

Will the 2004 World Olympic Games be held for the first time in Africa?

Cape Town - the Cape of Good Hope - the place to be in 2004!

```

-----|
|\      o Johburg  /      |  _--\___  ---|  |  _/  _/  \  \  |
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|  |      o Durban| (      |  \  _/  _/  \  \  |
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|Town  \_/      Port Elizabeth  |  \  _/  _/  \  \  |
|-----|

```

(Source: inusaloe.ufh.ac.za)

1.11 Distribution

OBumpRev 0.1 (Bumps Oberon-A module revisions)
Copyright © 1994 Johan Ferreira

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