080ad918-0

COLLABORATORS

	TITLE : 080ad918-0		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		August 30, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

080ad918-0

1.1   Index

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


    CONTENTS

    Distribution                Copyright and no warranty
    Introduction                Minimum requirements and short overview
    Installing                  Installing and Startup hints
    Starting                    CLI and WB usage
    Configuring                 Customizing inputs and output
    Localezation                Your preferred language support
    To do                       IMPORT WishList;
    History                     EXPORT WishList;


    Acknowledgements            Thank yous
    How to contact the Author   Postcards to the centre of the universe?
```

1.2   About the author

```
    Internet:   ferrbeldin.sun.ac.za

    Snail mail: Johan Ferreira
                P.O. Box 980
                7599 Stellenbosch
                SOUTH AFRICA
```

   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 availible 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 localezation. (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 envoking 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
                    When either or both version and revision numbers are
                    given as an argument, the following is possible:

                    o  VERSION and REVISION is given.

                    o  VERSION is given and REVISION ommited.  Revision
                       defualts 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 defualts 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 defualt for version is 0 and revision is
1.

LOGEXT   The defualt is to append ".logrev" to the MODULE
                argument to find the source file.

REVMODEXT   The defualt is to append "Rev.mod" to the MODULE
                argument to find the source file.

MODEXT   The defualt 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 automaticly 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 Localezation

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

For more information on localezation 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 localezation. (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 refered to BumpRevMO.mod and I've used it's GetData () function
almost verbatim. The revision module format is also based opon 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  /      |  _--\___          |  _____      |
| \                         /         |  /      ---|\  |  /_/ -_/\ \  |
| |                     o Durban| (              \ |  |/  (_ \ \/| |
|  \            Alice  /        |  \____          / |  | \   \/o  | |
|   |             o    /         |        |        |  |  \/__-_-__/  |
|   |  Sbosch        o E. London|       \    /   |              |
|Cape \o *_____o_____/          |         |____|   |              |
|Town  \_/      Port Elizabeth    |         \*_/    |              |
 |-------------------------------------------------------------------
                                            (Source: inusaloe.ufh.ac.za)
```


1.11   Distribution

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

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.