

Date_mcc

Kai Hofmann

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COLLABORATORS

	<i>TITLE :</i> Date_mcc		
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WRITTEN BY	Kai Hofmann	December 31, 2022	

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Chapter 1

Date_mcc

1.1 Date.mcc

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If you have AmigaDOS® 2.0 or 2.1, you will have to scroll to the right in order to read the text. AmigaGuide® for these versions of AmigaDOS® is unable to wordwrap the text.

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Please send me a full version of your product at no cost including free updates!

Extra money is welcome (For Bank Account see [author](#) - but *ONLY* send in DM to this Bank Account!).

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- Fred Fish for his great Amiga-Software-Library
- The German SAAR AG PD-Library
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IMPORTANT NOTE:

This package may not be included on any further Aminet CD-ROMs unless authors contributing their software to the CD-ROM, (without mentioning distribution "NoCD") are granted a copy of the CD *completely* *free* *of* *charge*.

The Meeting Pearls IV CD-ROM demonstrates that a Freebie policy is also possible with "very-low-budget" CD-ROMs (*), so Aminet should quickly re-establish the same Freebie policy it used up to Aminet CD 13.

(*) Suggested retail price for MP4 is DM 14,95/US\$ 12/£ 8.95.

1.4 Disclaimer

DISCLAIMER

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1.5 Trademark

Trademark

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1.6 Support/Updates

Support/Updates

- Updates will be available via Aminet@

- Support will be available via the **authors** email address and via

<http://home.pages.de/~i07m/amiga/mui/Date.html>

1.7 Author

Author

Kai Hofmann

Arberger Heerstraße 92

28307 Bremen

Germany

Phone: (+49)-(0)421/480780

E-Mail: i07m@informatik.uni-bremen.de

i07m@zfn.uni-bremen.de

IRC : PowerStat@#AmigaGer

WWW : <http://home.pages.de/~i07m/>

1.8 Description

Description

Date is an abstract Custom Class of the **Magic User Interface** © by Stefan Stuntz.

It's a subclass of notify-class and only usable for developers who want to build subclasses of Date.mcc!

The idea of this class was born during developing my Gregor application.

MUI abstract public custom class allowing easy handling of dates. Because it is abstract it is only usefull for developers who are working with classes that are based on Date.mcc (like DateString.mcc), or who want to build their own classes based on Date.mcc.

Date.mcc features:

- Handles years from 8 to 8000
- Supports the Gregorian calendar reform
- Supports MUIM_Import and MUIM_Export
- Supports drops of other date objects and date-strings
- A week can begin with any weekday
- The date can be read as day/month/year format or as JD or MJD
- The date range can be restricted
- Method to set the current date
- Methods for increasing and decreasing the date
- Method to compare with another date object

1.9 Requirements

Requirements

- **MUI** 3.1 (Version 12)
 - date.library
 - To use the Greek MCC-Install script you need the "Greek Workbench" © AC Software
 - To use the Russian MCC-Install script you need "Rusifier" © Dmitry Mikhilov
-

1.10 Installation

Installation

Please only install Date.mcc when you are a developer!

Use the installer script!

(The Installer must be in your system-path!)

If you use an Installer prior to V42 you should set the LANGUAGE Tooltype to your language. Installer V42 and better automatically use your current locale.

Please note that the installer-script is very special, because:

- It features uninstallation
- It is automated
- It is very flexible
- It is very intelligent (for an installer-script ;-)
- It uses **WrapGuide** (if present) for the Amigaguide documentation if running under a pre V39 system.
- It can be reused by (hopefully) all other MUI custom classes, because the authors of custom classes need to only change a few things:
 - * The #copyright variable
 - * The #min_os_version and #min_os_revision variables
 - * The #min_mui_version and #min_mui_revision variables
 - * The #language_mcc and #language_mcp variables
 - * The P_CustomExists, P_CustomInstall and P_CustomUninstall procedures
 - * The 'APPNAME' tooltype within the MCC-Install icon.

1.11 Developer Information

Information for Developers

There is no multiple inheritance for Boopsi/MUI for the moment, so we haven't any chance to create a real Date basis-class. But there is another way to have the same result (compatibility for all classes that are dealing with date).

The solution is called interface inheritance like it was done with IDL for CORBA.

Interface inheritance has some advantages and some disadvantages.

The advantages are:

- (Pseudo) multiple inheritance
- The same interface for all classes dealing with Date

The disadvantages are:

- Every one who wants to subclass Date.mcc must include the code for Date.mcc in the new subclass.

But this can be easier done by using the DateLib and/or the Amiga-OS support

functions.

Btw. the same happens for IDL, but by using C++ it is possible to inherit the implementation.

A future release of Date.mcc will include a full skeleton C code, so that everyone can start his subclasses on this.

Please note, that you can not compile Date.mcc!

This is because I don't want to distribute the following files at the moment:

date.h, datesys.h, date_pragmas.h

These files are part of my DateLib (TM) project. A new release will be available in 1997.

Please note that the supplied source is version 12.0!

Btw. it would be wise to use a

```
SetAttrs(obj,
```

```
MUIA_Date_Year, year,
```

```
MUIA_Date_Month, month,
```

```
MUIA_Date_Day, day,
```

```
TAG_DONE
```

```
);
```

instead of single set()'.s.

1.12 History

History

27.11.1997 - First release on Aminet

1.13 Todo

Todo

- Notify on locale preference change (country/language)

1.14 Known problems

Known problems

- Old versions of the program called 'PhoneCost' written by André Schenk <schenkae@tick.informatik.uni-stuttgart.de> installed another 'date.library' into 'Libs:'.

1.15 Acknowledgments

Acknowledgments are going to the following people:

Rita Reichl : for correcting my English and being my inspiration

James Cooper,

Steve Krueger,

Doug Walker : For supporting SAS/C® after SAS suspends the support.

Stefan Stuntz : for the **Magic User Interface** and for his support

Klaus Melchior : for the MUI custom class support

Martin Huttenloher : for **MagicWB**

Udo Schuermann : for **WrapGuide**

Stefan Kost : for ag2txt

Jürgen Kohrmeyer : for the rexxtricks.library

Henning Thielemann : for help with the Cluster interface

Eric Gerard : for his great icons

1.16 Please rate

Please rate

Please rate Date.mcc and MCC-Install. To do so, send an email to aminet-server@wuarchive.wustl.edu with the following content:

RATE dev/mui/MCC-Install.lha <num>

RATE dev/mui/MCC_Date.lha <num>

where <num> is a mark from 0..10 with 10 being the best.

You can rate several programs in one mail.

Thank you!

1.17 Subclasses

Subclasses

The following classes are build on Date.mcc:

DateString.mcc:

By Kai Hofmann <i07m@informatik.uni-bremen.de>

<http://home.pages.de/~i07m/amiga/mui/DateString.html>

Aminet:dev/mui/MCC_DateString.lha

MonthNavigator.mcc:

By Kai Hofmann <i07m@informatik.uni-bremen.de>

<http://home.pages.de/~i07m/amiga/mui/MonthNavigator.html>

Aminet:dev/mui/MCC_MonthNavigator.lha

1.18 MUI

This is a custom class of the

MUI - MagicUserInterface

Copyright © 1993-1997 by Stefan Stuntz

MUI is a system to generate and maintain graphical user interfaces. With the aid of a preferences program, the user of an application has the ability to customize the outfit according to his personal taste.

MUI is distributed as shareware. To obtain a complete package containing lots of examples and more information about registration please look for a file called "muiXXusr.lha" (XX means the latest version number) on your local bulletin boards or on public domain disks.

If you want to register directly, feel free to send

DM 30.- or US\$ 20.-

to

Stefan Stuntz

Eduard-Spranger-Straße 7

80935 München

GERMANY

Support and online registration are available at

<http://www.sasg.com/>

1.19 MagicWB

This product is based on or uses parts of

MagicWB - The Workbench Enhancer

Copyright © 1992-1997, Martin Huttenloher

If you use and like this product you should very much consider to take a look at MagicWB, which is the authentic source of the style, colors and design elements contained in this package. It features hundreds of original icons, patterns, image-drawers, dock-brushes and some specially designed high-quality fonts to improve the comfort & legibility of your daily Workbench session.

What is MagicWB? MagicWB is a full replacement for the Graphical User Interface of the Workbench and has become the standard visual interface on the Amiga. Over the last years MagicWB has received various merits and an overwhelming response from Amiga magazines and users worldwide proclaiming it "a must for all Amiga users". Even commercial applications are

supporting the multi-colored look & style of MagicWB.

Get yourself the latest version of MagicWB and see for yourself the wonders it can do by automatically transforming your old and dull Amiga Workbench into an impressive workstation environment that will be the envy of all PC Windows and Mac users. Update yourself to the state-of-the-art workbench standard everyone uses on the Amiga! It is also your key to enjoy the new look & feel of many applications and other MWB add-ons and extensions. MagicWB is distributed as shareware. Get yourself the latest FREE PUBLIC RELEASE of MagicWB now: It is called

MagicWB21p.lha

and can be found everywhere on Aminet (or your local BBS or public domain series). Install it and witness the instant magic it performs on your old Amiga Workbench. Also included is the latest SASG registration program with which you can order and get the full registered version of MagicWB.

If you want to order directly, feel free to send

DM 30.- or US\$ 20.- (cash, no checks!)

to

Martin Huttenloher

Am Hochstraess 4

D-89081 Ulm

Germany

You may also choose to visit the official MagicWB homepage on the world wide web. There you can find the latest news & support and even register your MagicWB online (which is much more comfortable and faster). You can even benefit from various special offers & discounts for MagicWB if you order through our website! Come and visit MagicWB at:

<http://www.sasg.com/>

Save 20% by using the discounts on our website!

Ordering online also saves you a lot of time and work!

1.20 WrapGuide

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