ReadMe

Wolfgang Weidner

COLLABORATORS

	TITLE :		
	ReadMe		
ACTION	NAME	DATE	SIGNATURE
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REVISION HISTORY

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ReadMe

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                        Verlag  Anja C. Frese

        Wilh.- Busch Str.  18
        D- 31675   Bueckeburg
                    Germany
        Fax: +49 5722 / 90031
        Fon: +49 5722 / 90028
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                            EMail:  cycas@core.de
                            http:// cycas.core.de
```

1.2   What is Cycas ?

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What is CYCAS ?

CYCAS is a 2D+3D CAD / architecture program of the next
generation for Amiga computers.

CYCAS  was developed  for all  those  people  who  want
to design, represent,  showcase and build architecture.

Cycas    adheres    to    the    philosophy   of   simulating
architectural  drawing  using  a  conventional  drawing
board  as closely as possible, so that the draftsman is
not faced with working methods that  are  untypical  of
his trade.

Much   attention   was paid  to the CYCAS user interface.

The menu-structure and graphical interface of Cycas are
designed to make it easy to quickly  get  used  to  the
program.  Thanks  to  the  graphical  interface and the
input-philosophy behind Cycas, a skilled draftsman  can
create drawings easily and effectively.

Besides  typical  CAD  functions  CYCAS  offers special
architectural  elements  such  as  walls,  openings, 3D
units,  architectural  dimensions  and  calculation  of
areas, to make creating 2D-drawings easier.

A 3D-model is already created while you draw the  plan.
The  3D elements  can  be added, edited and checked in
different projection modes.

Finally the 3D-data can be passed on, via interface  to
Renderer,  in order to calculate a realistic simulation
of your design.

The CYCAS symbol library may be  extended  by  creating
your own symbols.

In  1993  Cycas  1.0  won  the Deutsch-Oesterreichische
Hochschul- Software-Preis in the faculty  architecture.
This competition was set up by the Akademische Software
Kooperation (ASK), University Karlsruhe.

Since then CYCAS was improved  and  many  new  features
were  added.  In  1997  it was public-released  for the
fist time in german language.
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1.3 Features

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Features


User interface:

    - Easy to handle
    - Online Help
    - WYSIWYG
    - Dialog windows
    - Layer technique

Elements:

    - Symbols' library
    - Lines, circles, texts, patterns, walls, openings,
      windows, doors.
    - Calculation of areas and volumina
    - Semi-automatic and manual measurement
    - Architectural elements such as 3D units and
    - 3D basics

3D:

    - Intuitive input in the ground plan,  elevation and
      in isometric views.
    - Computing  graphics  such  as hidden line  or wire
      graphics  from various  perspective  or  isometric
      views.
    - Material  database  for  the  output of 3D data to
      Renderer.

Import:

    - DXF 2D/3D

Export:

    - DXF 2D/3D
    - LWO (Lightwave)
    - RPL (Real3D)
    - EPS-Postscript

Output:

    - Workbench-Printer
    - HPGL
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1.4 System requirements

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System requirements
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```
Software:     Kickstart 3.0, 3.1
              Workbench 3.0, 3.1

Minimum:      68020, 2MB RAM, HD

Recommended: 68030/68882 or 68040/60,
              6MB RAM and more
              HD and graphicsboard.
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1.5 Install and starting CYCAS the first time

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Install and starting CYCAS the first time
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Doubleclick the install icon and follow the instructions.

Starting CYCAS for the first time, the program will adopt the screenmode of your workbench. You can change the screenmode you want to work in by pressing the right mouse button (pull-down menus) and selecting the menu 'GUI-Setup'.

You can change the screen font. Avoid using large font sizes as they may not fit the user interface.

This setup can be saved.

Choosing the item 'Project/Load' you can try the example drawings.

At the right bottom edge of the user interface there is a 'Help' button and a brief summary of the CYCAS online help will pop up.

If Cycas does not show the english localized interface, make sure to have selected 'english' as available and / or prefered language in Workbench/Prefs/Locale.

1.6 Examples

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Examples


Drawings:

  PALAZZO FARNESE, ROME:
  1548, Michelangelo.
```

```
RESIDENTIAL BUILDUNG WIETHUECHTER, BAD OEYNHAUSEN:
'HW-House'
© by   Prof.Dipl.Ing. Hilmar Wiethuechter
       FH  Bielefeld, FB6,        Germany

RESIDENTIAL BUILDUNG, HAHLER GRUND, MINDEN:
'K4-perspective'
© by
Dipl.Ing.                  Elmar Kuhlmann
Marienwall 31,             D-32423 Minden
in     K4   Kuhlmann Projektplanung GmbH
Panoramastr.43,  D-32457 Porta Westfalica
Germany.

ROOM_3D
© by                       Wolfgang Weidner
This example  was designed to show up the
different ways a project can be presented
by combining 2D and 3D data.

KITCHEN
© by                            Anya Hupe
```

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Pictures:

RESIDENTIAL BUILDUNG WIETHUECHTER, BAD OEYNHAUSEN
HW-1.jpg, HW-2.jpg
© by  Prof.Dipl.Ing. Hilmar Wiethuechter
      FH  Bielefeld, FB6,        Germany

ARTS MUSEUM, LEIPZIG
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in     K4   Kuhlmann Projektplanung GmbH
Panoramastr.43, D-32457 Porta Westfalica
Germany.
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1.7 Limitation of the demo version

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Limitation of the demo version


This CYCAS demo version is limited, sure,  nevertheless
we wish you fun testing it !
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– Saving drawing elements is not possible.

– The output of drawings only to printer.

– The output of 3D elements in Lightwave object format
  is limited.

– The symbol library is not complete.

– The online Help is a summary of the powerful HTML–
  Help–Guide.

1.8 How to order

How to order

Please fill out the order form which is in the demo
archive and send it to:

    via Fax: Verlag Anja C. Frese,
                    Fax: ++49 5722 / 90031

    or

    via EMail: cycas@core.de

    or

    via SnailMail: Verlag Anja C. Frese
                   Wilh.– Busch Str. 18
                   D– 31765 Bueckeburg
                                  Germany

For delivery and payment conditions please read the
orderform.

You can order by sending an Eurocheque or an inter–
national money order, which is available at your post–
office.
For cheques write first, as some are very expensive to
cash.

We accept Visa via Mail–Order.
Please use the Visa–Oderform.

        Further on, we are trying to improve the order
        conditions, so look up the informations at our
        homepage: http://cycas.core.de/einfo.html

1.9 Legal notes

Legal notes

No warranty for any damage this software may cause.

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