ped

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| WRITTEN BY | | January 31, 2023 | |

| REVISION HISTORY | | | |
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| NUMBER | DATE | DESCRIPTION | NAME |
| | | | |

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# Chapter 1

# ped

## 1.1   PolyEd · Users Guide

                                      PolyEd Texteditor

                             Users Guide

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                          written by Robert Brandner
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 Introduction ...


                Concepts
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                   All Menu functions.

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                   All those little windows

PolyEd's ARexx Port ...

## 1.2  PolyEd · Concepts

Welcome to PolyEd
~~~~~~~~~~~~~~~~~

PolyEd is one of the most user friendly text editors for the Amiga.
It is kept small and easy, but has all the features.

PolyEd has all features, needed to edit texts, but no other features,
like clocks, memory displays, calculators ...

As the Amiga has a great multitasking operating system, it is, in my
opinion unnecessary to put all those things into one single program,
but better to set up one's desired environment by some different
programs (which can be further improved by arexx).

In other words, if you need a calculator, parallel to PolyEd, why not
run the one from the 'utilities' drawer or one from the public domain
pool.

Via the arexx-port, centering, formating and functions you can think
of, can be added to PolyEd too.


## 1.3  PolyEd · System requirements

```
System requirements
~~~~~~~~~~~~~~~~~~~~
```

PolyEd runs on all Amigas with operating system OS 2.0 or higher, and
also supports the new functions of OS2.1 and OS3.0 like localizing,
AGA chips etc.

PolyEd can be run with 512 kB and one floppy disk drive, but of course
it is better to have more memory and a hard disk. PolyEd has been
tested sucessfully on Amiga 1200 (where it has been developed) and
Amiga 4000/030 with OS3.0.


## 1.4  PolyEd · Installation

```
Installation
~~~~~~~~~~~~
```

Installation is done via the Commodore Installer (not included in
this package). Simply double-click the 'Install' icon and follow the
instructions. The installation is only available in english (which
should not bother you, as you are reading the english documentation
too).

If the Commodore Installer is not available for you, you can install
PolyEd by hand quite easily:

  a) Drag the PolyEd-Drawer (or Disk) into the Drawer, where you want
     to install PolyEd (e.g. "Workbench:Tools") and drop it there.
     Now the Workbench will copy PolyEd to the selected drawer.

  b) Add the following lines to the file 's:user-startup' (use the
     real path instead of <path to PolyEd> e.g. "Workbench:Tools/PolyEd").

        Assign PED: <path to PolyEd>
        Path PED: Add

  c) To save disk-space, you can delete the documentations and
     catalogs  of languages you do not use.


## 1.5  PolyEd · Features

```
                PolyEd provides the following Features
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

· Easy to use

· Editing any number of texts simultaneous

· Any number of windows per text

· Unlimited Undo/Redo (almost)

· Context-sensitive help

· Supports OS 2.0, 2.1 and 3.0

· Different languages (OS 2.1 or higher)

· Supports the clipboard

· Supports all screen-modes

· nonmodal requesters

· Macros

· ARexx-Port

· and lots more

## 1.6   PolyEd · Getting started

```
              Getting started
~~~~~~~~~~~~~~~~
```

PoyEd can be started from workbench or shell. In both cases files may
be passed, which are then opened automatically. You may also specify
on which screen PolyEd shall be opened and some other things.

Via Environment Variables, you can define the size and position at
which the text-windows will be opened.

```
              Starting from workbench

              Starting from the shell

              Environment Variables
```

## 1.7   PolyEd · Editing texts

```
              Editing texts
~~~~~~~~~~~~~
```

PolyEd allows to write and edit texts of arbitrary length with lines
up to 10,000 characters. It is made for editing non-formated texts
like programs etc. Being a editor and not a desktop-publishing
prgram, PolyEd doesn't provide different text styles or layout
functions.

                    Enter and correct text
                     How to edit texts

                    Moving the cursor
                     How to move the cursor

                    Block operations
                     Copy, Cut, Paste...

                    Text windows
                     Where to edit texts

## 1.8   PolyEd · Menus

                The Menus of PolyEd
~~~~~~~~~~~~~~~~~~~~

Most of PolyEd's functions can be executed via menus.

                    Project
                     open, save, print texts

                    Edit
                     copy, cut, paste texts

                    Search
                     find and replace strings

                    Windows
                     arranging the windows

                    Macros
                     learning and managing macros

                    Settings
                     adapt the editor to your wishes

## 1.9   PolyEd · Requesters

                Requesters
~~~~~~~~~~

Requesters are all the little windows which are no text windows. You
can communicate with PolyEd via the requesters. As far as possible

they are non-modal, so they do not lock other windows, while they are
opened.

Besides the requesters for opening and saving texts, settings and
macros, PolyEd provides these requesters:


                   Reveal
                    Reveal hidden windows

                   Find
                    Find patterns

                   Find & Replace
                    Find and replace patterns

                   Go to line
                    Go to specified line

                   Assign Macro
                    Assign Macro to a key

                   Select Macro
                    Selection of a macro

                   Open own Screen
                    Select screenmode for own screen

                   Miscellanous
                    misc. settings

                   Select Font
                    Select font

                   Colors
                    Adjust colors


## 1.10  PolyEd · Registration

                   Registration – or how to get the full version
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

PolyEd is SHAREWARE. This means, that you have to pay me some money,
if you use it frequently. You will get then the newest version of
PolyEd without the shareware limitations.

To get the full version, best fill out the
                   Registration Form
                    (can be
printed directly from MultiView) and send it to me along with $20.- or
DM 30.-.

I will send you then a disk with the latest version of PolyEd and a
(wunderful) certificate.

```
Updates ?
~~~~~~~~~
```

Updates are for free, and available via AmiNet and PD disks. These
updates are full versions for registrated users.

## 1.11  PolyEd · Support

```
Support
~~~~~~~
```

PolyEd has been tested carefully and has been made as user friendly
as possible. Nevertheless there may be bugs, and lots of things that
could be done better.

If you have any questions, comments, suggestions, bug reports...
please feel free, to contact me at one of the following addresses
(eMail will be answered faster than other mail):

```
Where you can reach me:
-----------------------
```

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Schillerstr. 3
A–8280 Fürstenfeld
AUSTRIA / EUROPE

e-mail: rbr@prip.tuwien.ac.at

## 1.12  PolyEd · Acknowledgements

```
Acknowledgements
~~~~~~~~~~~~~~~~
```

I want to thank the following people:

 · Robert Kniedl  for his support, programming, testing,
      suggestions ...

 · Johan Billing        for his support and the swedish guide and
      catalog

 · Nico François  for the great reqtools.library (although it
      is hardly used by PolyEd)

 · Michael Balzer for his ARexxBox,
      a great, but almost unknown program

 · all, who made editors with bad user interface (like xxx)
   as that made me to develop PolyEd!

· (Commodore) Amiga  for the best computer in the world,
    with the best operating system in the world. ;^)

· You (!)    especially if you register ;^)

  ... thank you very much !!!


## 1.13  PolyEd · Disclaimer

Disclaimer
~~~~~~~~~~

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY
APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT
HOLDER AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY
OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE
COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

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USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS
OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR
THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER
PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.


## 1.14  PolyEd · Features - Easy to use

                PolyEd is easy to use
~~~~~~~~~~~~~~~~~~~~~~

All efforts were made to make PolyEd as easy as possible. So you don't
have to worry about configuration files or make complicated
installations. Just start it and use it. To make things even easier,
PolyEd provides a context sensitive
                online help
                .


## 1.15  PolyEd · Features - Editing any number of texts simultaneously

                PolyEd can handle any number of texts simultaneously
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Some editors only allow editing one text, but not PolyEd. You may
edit any number of texts simultaneously, each in it's own window. You

```
may even
                  open more than one window per text
                  .

To not loose control, you may
                  temporarily hide some texts
                  . That is,
the windows of the texts are closed, but can be revealed any time.
```

## 1.16  PolyEd · Features - Any number of windows per text

```
                  PolyEd can handle any number of windows per text
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

If you want to edit more than one area of one text at the same time,
you may
                  open several windows
                   for the same text. See how modifications
in one window are also shown in the others.
```

## 1.17  PolyEd · Features - Unlimited 'Undo' and 'Redo'

```
                  PolyEd provides unlimited 'Undo' and 'Redo'
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

PolyEd allows you to 'undo' an almost unlimited number of actions,
and to 'redo' all 'undone' actions again.

The default are 1000 steps of undo with at most 10,000 characters.
You may specify other values when
                  starting PolyEd
                  .
```

## 1.18  PolyEd · Features - Context sensitive Help

```
PolyEd provides context sensitive Help
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

PolyEd supports the amiga's help-key (beneath the del-key). Any time,
you need help, just press help, and PolyEd does it's best, to help
you. For this purpose the amigaguide system is used (you are allready
using it, when reading this text).


Help on menus
-------------
To get help on a menu-function, select the the menu, keep the right
mouse button held down, and and press help.
```

Help on text windows
--------------------

If you press help, while a text window is activated, you get help on
how to edit text, move the cursor ...


Help on requesters
------------------

If you press help, while a requester is activated, you get help on
that requester. There is no help available for file-requesters and
other system requesters.


## 1.19 PolyEd · Features - Support of OS 2.0, 2.1 and 3.0

                  PolyEd supports OS 2.0, 2.1 and 3.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

PolyEd requires OS 2.0 (V37) or higher to run. It can be opened on
any
               screen
                (even graphic-cards should work), supports the
               clipboard
                  ,
adapts itself to the selected language, and also supports AGA chips
if available.


## 1.20 PolyEd · Features - Different languages

               PolyEd adapts itself to different languages
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Starting with OS 2.1, PolyEd adapts itself to the selected language.
With OS 2.0, english is used. Currently only translations for the
following languages are provided:

  english
  deutsch
  svenska

The documentation is currently available in

  english
  deutsch
  svenska

If you can (and want) to translate the texts in the program and/or
the documentation, please contact
               me
                  .
The cd- and ct-files can be found in the catalogs directory.

## 1.21   PolyEd · Features - Clipboard

```
PolyEd supports the Clipboard
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

The Amiga allows to exchange data between different programs via the
clipboard. PolyEd supports this feature. If you cut or copy a text
block within PolyEd, it is placed onto the clipboard, and can be
taken from there by any other program supporting the clipboard. This
also works the other way round.

## 1.22   PolyEd · Features - Screen modes

```
PolyEd supports all screen modes
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

PolyEd on the Workbench or any other public screen with at least four
colors.

You may also open an own public screen with PolyEd in any mode except
for LowRes, HAM and the like. There is a restriction of four colors,
for screens opened with PolyEd, to increase speed.

## 1.23   PolyEd · Features - Nonmodal Requesters

```
PolyEd has nonmodal Requesters
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

As far as possible, PolyEd's requesters are non modal. That means,
they do not lock other windows while they are opened. You can open
them, and continue with your editing.

Modal requesters like the file requesters, and the requesters
appearing at the top left corner sometimes, lock all other windows,
so you have to satisfy them before you can continue your work.

The nonmodal requesters of PolyEd are the one for 'misc. settings',
'colors', 'find' and 'find & replace'.

## 1.24   PolyEd · Features - Macros

```
PolyEd provides Macros
~~~~~~~~~~~~~~~~~~~~~~~
```

PolyEd provides the possibility to learn a series of actions, and to
repeat them with a single key press. These macros may also be saved
and loaded.

PolyEd's macros are simple arexx-programs. You may also load other

(maybe more complex) arexx-programs as macros. By that, you can add
all functions you miss, to PolyEd.

In the 'Macros' drawer you can find some useful macros. You may load
them as normal text, to see how they work.


## 1.25  PolyEd · Features - ARexx Port

PolyEd has an ARexx Port
~~~~~~~~~~~~~~~~~~~~~~~~~

Like every good program, PolyEd has an arexx port. Via this port, you
can control PolyEd with simple commands.

PolyEd does not have very much commands. Nevertheless it is possible
to do almost everything with the commands is has.

In the 'Macros' drawer you can find some arexx programs, which show how
to combine PolyEd and ARexx.


## 1.26  PolyEd · Features - further Features

                    Further Features of PolyEd
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

 · Wordwrap at end of line
 ·
                 User defineable
                  icons for every type of text
 · automatic indention
 · Real Tabs
 · Tab width and line length (up to 10,000 chars) adjustable
 · Very fast scrolling
 · Font selectable (but no proportional fonts)
 · Colors adjustable (when using an own screen)
 ·
 ·
 ·


## 1.27  PolyEd · Starting from the workbench

Starting from the workbench
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

There are different possibilities how to start PolyEd from the
workbench:


Via program icon
----------------

Double-clicking PolyEd's icon starts PolyEd with an empty project.


PolyEd as 'Default Tool'
------------------------
If PolyEd is the 'Default Tool' of a project, double-clicking the
project's icon starts PolyEd with that project.

You can also double-click PolyEd-settings files. This starts PolyEd
with the settings specified in the file.


PolyEd and 'extended selection'
-------------------------------
Select PolyEd and all projects you want to open and double-click one
of the selected icons (keep shift key pressed). PolyEd starts and
opens all selected projects.

If one of the selected files is PolyEd-settings file, the settings
specified in that file are used.


PolyEd's 'Tooltypes'
~~~~~~~~~~~~~~~~~~~~~

Tooltypes are parameters, you can add to an icon via the workbench
menu 'Icons/Information'. Below all Tooltypes, PolyEd understands,
are explained:


PUBSCREEN=<Screen-Name>
-----------------------
Name of public screen, PolyEd shall be opened on.

 · If the screen exists, PolyEd opens on it.

 · If the screen does not exist, PolyEd creates a screen with the
   specified name by itself, and opens on it. Screenmode and
   dimensions are cloned from the workbench screen.

 · If this parameter is not specified, PolyEd opens, depending on the
   used settings on the Workbench, or opens an own screen, named
   'POLYED.1', where the number increases with every PolyEd running
   concurrently.


PORTNAME=<Port-Name>
--------------------
Name, PolyEd shall use for it's arexx port. If no name is specified,
'POLYED.1' is used. The number again increases with every  PolyEd
running concurrently.


SETTINGS=<filename>
-------------------
Name of the settings file, PolyEd shall use. If this file is not
specified, the settings are derived from the following places (in the

given order):

- · File 'PolyEd.set' in current directory
- · File 'PolyEd.set' in 'ENV:' directory
- · Default settings

If you specify an other settings-file as described above (extended
selection or default-tool) the settings are taken from that file.


STARTUP=<script-name>
---------------------
Name of an arexx program, that shall be executed after starting
PolyEd. The program is executed, after all specified texts have been
loaded.


UNDOLEVELS=<number of steps>
----------------------------
Number of 'undo' steps. The default value is 1000 steps. A value of 0
(zero), turns undo/redo off, which saves some memory.


UNDOBUFFSIZE=<number of chars>
------------------------------
How many characters Undo/Redo can remember. The default value is
10,000 characters. Specifying 0 (zero) turns undo/redo off, which
saves some memory.


 ! At the beginning all tooltypes are enbraced, and therefor
 ! deactivated. To activate them, you only have to remove the
 ! braces, and enter the values you want.


## 1.28  PolyEd · Starting from a shell

Starting from a shell
~~~~~~~~~~~~~~~~~~~~~~~

When starting PolyEd from the a shell, several arguments are
possible, which are explained below. All arguments are optional.

This is how the argument template of PolyEd looks like:

FILES/M,PUBSCREEN/K,PORTNAME/K,SETTINGS/K,STARTUP/K,
UL=UNDOLEVELS/K/N,UB=UNDOBUFFERS/K/N


FILES/M
-------
Names of files, which shall be opened immediately. You may specify any
number of files.


PUBSCREEN/K

```
-----------
```
Name of public screen, PolyEd shall be opened on.

 · If the screen exists, PolyEd opens on it.

 · If the screen does not exist, PolyEd creates a screen with the
   specified name by itself, and opens on it. Screenmode and
   dimensions are cloned from the workbench screen.

 · If this parameter is not specified, PolyEd opens, depending on the
   used settings on the Workbench, or opens an own screen, named
   'POLYED.1', where the number increases with every PolyEd running
   concurrently.


PORTNAME/K
```
----------
```
Name, PolyEd shall use for it's arexx port. If no name is specified,
'POLYED.1' is used. The number again increases with every  PolyEd
running concurrently.


SETTINGS/K
```
----------
```
Name of the settings file, PolyEd shall use. If this file is not
specified, the settings are derived from the following places (in the
given order):

 ·  File 'PolyEd.set' in current directory
 ·  File 'PolyEd.set' in 'ENV:' directory
 ·  Default settings

If you specify an other settings-file as described above (extended
selection or default-tool) the settings are taken from that file.


STARTUP/K
```
----------
```
Name of an arexx program, that shall be executed after starting
PolyEd. The program is executed, after all specified texts have been
loaded.


UNDOLEVELS/K/N
```
--------------
```
Number of 'undo' steps. The default value is 1000 steps. A value of 0
(zero), turns undo/redo off, which saves some memory.


UNDOBUFFSIZE/K/N
```
----------------
```
How many characters Undo/Redo can remember. The default value is
10,000 characters. Specifying 0 (zero) turns undo/redo off, which
saves some memory.

## 1.29   PolyEd · Environment Variables

```
Environment Variables
~~~~~~~~~~~~~~~~~~~~~~
```

Normaly PolyEd openes its text windows as large as the screen.
Sometimes (e.g. with graphic boards) this is not wanted. Therefor you
may now specify the size and position at which the text windows open.

PolyEd recognizes and uses there Enrinment Variables:

```
  PED_LEFT   - left edge (in pixels)
  PED_TOP    - top edge (in pixels)
  PED_WIDTH  - width (in pixels)
  PED_HEIGHT - height (in pixels)
```

The variables are set so:

```
  SetEnv <Variable> <Value>    e.g. SetEnv PED_WIDTH 400
```

The variables are optional, i.e. they need not be set. You may also
set e.g. only width and height. PolyEd only uses variables that are
set when it is started.

For that the variables are not lost when switching of the computer,
you should save them. This can easily be done like that:

```
  Copy ENV:PED_#? To ENVARC:
```

## 1.30   PolyEd · Enter and correct text

```
                Enter and correct text
~~~~~~~~~~~~~~~~~~~~~~~~~
```

Texts are edited within the text windows. The characters you type,
are always entered at the cursor position.

In 'Insert Mode' the text to the right of the cursor is shifted to
have a place for the new characters.

In 'Overwrite Mode' the new characters overwrite the old text.

The 'Overwrite Mode' can be turned on and off with
                Settings/Overwrite?
                    .

With the following key (-combinations) you can delete text:

```
<Delete>          Removes character right to the cursor.
<Backspace>       Removes character left to the cursor.
<Shift+Delete>    Removes to the end of the current word.
<Shift+Backspace> Removes to the beginning of the current word.
<Ctrl+Delete>     Removes to the end of the current line.
<Ctrl+Backspace>  Removes to the beginning of the current line.
```

To remove a larger amount of text, you can mark it and remove it
with
                'Edit/Erase'
                .

If you made a mistake (or even more than one), you can undo your
actions step by step with
                'Edit/Undo'
                . All undone actions can be
redone with
                'Edit/Redo'
                .


## 1.31   PolyEd · Moving the cursor


                Moving the cursor
~~~~~~~~~~~~~~~~~~

The cursor shows where entered text is placed. You may place it either
with the mouse, by clicking to the desired place, or with the cursor
keys. <cursor left> and <cursor right> move the cursor one position to
the left or right, <cursor up> and <cursor down> move it one line up
or down.

If you keep the Shift key pressed, <cursor up> and <cursor down> move
the cursor one page up or down, <cursor left> and <cursor right> move
it to the beginning resp. end of a word.

If you keep the Ctrl key pressed, the cursor jumps to the beginning or
end of the text resp. the current line.

If you keep Ctrl and Shift key pressed, the cursor is moved about a
quarter of a page to the specified direction.

If you additionally press the Alt key, the text the cursor goes
across is selected. This is necessary for the
                menu 'Edit'
                .


## 1.32   PolyEd · Block operations


                Block operations
~~~~~~~~~~~~~~~~~~

Using the block operations of the menu 'Edit', you can edit bigger
amounts of text. Before you can use these functions, you have to
select a block, by either clicking with the mouse on one end of the
area, and moving the cursor to the other end, while keeping the
left mousebutton pressed, or by using the cursor keys, together with
the Alt key, as described
                elsewhere

.

The selected area is erased when any text is entered or pasted. It
may also be erased by pressing the <Delete> or <Backspace> key.

## 1.33   PolyEd · Text windows

The Text windows
~~~~~~~~~~~~~~~~

A text window consists of the following areas:

Titlebar:
---------
The titlebar contains - from left to right - the closing-gadget,
the number of the project, the title of the project (possibly expanded
by a remark that the text has been modified), and the gadgets for
window arrangement.

Right Border:
-------------
The right border contains a scrollbar and arrows for selecting the
visible part of the text fast and easily.

Bottom Border:
--------------
Within the bottom border of the active window, some informations like
the cursor-position are displayed.

Inner Area:
-----------
The inner area is used to display and edit the text LINK EDIT.

## 1.34   PolyEd · Menu Project

                Menu Project
~~~~~~~~~~~~

Via the menu 'Project' you can begin new projects, load, save and print,
hide and reveal projects.

New
---
Opens a new empty project in a new window.

Open...
-------
Brings up a filerequester where you can select a project, which is
then loaded into a new window.

Insert...
---------
Brings up a filerequester where you can select a text, which is then
inserted into the project at the cursor position.


Save
----
Saves the text of the current project under it's old name. The old
text gets lots, except you enabled backups. If the project is
unnamed, a filerequester is opened, where you can specify a name for
the text.


Save As...
----------
Saves the text of the current project under a new name. A file
requester is brought up where you can specify the new name.


Print...
--------
Prints the text of the current project.


Hide
----
Hides all windows of the current project. The text is not lost! With
'Project/Reveal' all windows can be revealed again.


Reveal...
---------
Allows to reveal hidden projects. See
                requester 'Reveal Project'
                .

Close
-----
Closes the current project. If the text has been modified, you are
asked whether you want to save the text before closing the project.

If you don't save the text, all changes you made since the last
saving of the project are lost.


About...
--------
Shows informations on the current project, like size, number of lines
and name of the arexx port.


About PolyEd...
---------------
Shows informations on PolyEd. Besides the copyright text, the name of
the screen and the name of the arexx port are shown.

```
Quit PolyEd...
--------------
```
Quits PolyEd. Before, all projects are closed. For every modified
project, you are asked wether you want to save it before closing.


## 1.35  PolyEd · Menu Edit

```
                 Menu Edit
~~~~~~~~~
```

Via the menu 'Edit', you can copy, cut, paste and erase text blocks,
and undo/redo modifications. Some of the functions described here,
work on an area of text, which you have to
                 select
                  before.


```
Cut
---
```
Copies the selected area to the clipboard and removes it from the text.


```
Copy
----
```
Copies the selected area to the clipboard.


```
Paste
-----
```
Inserts the text from the clipboard at cursor position.

```
Erase
-----
```
Removes the selected area, without copying it to the clipboard first.

```
Cut Line
--------
```
Copies the current line to the clipboard and removes it from text.


```
Cut to End of Line
------------------
```
Copies the part of the line right to the cursor to the clipboard and
removes it from the text.


```
Undo
----
```
Undoes modifications step by step.

As a default, you can undo a 1000 modifications resp. 10,000 chars.
However these values may be changed at
                 program start

via tooltypes or shell arguments.


Redo
----
Redoes modifications, undone with 'Undo'.


## 1.36  PolyEd · Menu Search


Menu Search
~~~~~~~~~~~

Via the menu 'Search' you can find a string and replace it by another
one. You can also go to a specific line, or to the place of the last
modification.

Searching considers the options 'Ignore Case' and 'Only Whole Words'
described below.


Find...
-------
Opens a nonmodal requester, where you can specify the string to find.
Pressing Enter within the text-gadget finds the next occurence of
this search-string, which is highlighted then.

'Next' and 'Previous' find the next or previous occurence of the
search-string and highlight it. 'Cancel' closes the requester, but
the search-string is kept.


Find & Replace...
-----------------
Opens a nonmodal requester, where you can specify the search- and
replace-strings.

'Replace' either finds the next occurence of the search-string and
highlights it, or - if it is already highlighted - replaces it by
the replace-string and finds the next occurence of the search-string.

'Next' and 'Previous' find the next or previous occurence of the
search-string and highlight it. 'Cancel' closes the requester, but the
strings are kept.


Find Next
----------
Finds the next occurence of the search-string and highlights it.


Find Previous
-------------
Finds the previous occurence of the search-string and highlights it.

```
Replace
-------
```

Either finds the next occurence of the search-string and highlights
it, or - if it is already highlighted - replaces it by the
replace-string and finds the next occurence of the search-string.

```
Replace All
-----------
```

Replaces all occurences of the search-string by the replace-string,
from the current cursor position to the end of text.

```
Go to Line...
-------------
```

Opens a requester, where you can specify a line number. The cursor is
then placed at the beginning of that line.

The number gadget is in overwrite-mode, so you need not erase the old
number before typing a new one.

```
Go to Automark
--------------
```

Places the cursor to the position of the last modification.

```
Find matching Bracket
---------------------
```

If the cursor is on (i.e. left to) a bracket '(', '[', '{', '}', ']',
')' this places the cursor to the corresponding bracket. If the
cursor is not on a bracket, nothing is done.

```
Ignore Case
-----------
```

If this option is checked, the case of text is ignored when searching.
So, if you specify 'foo' as search-string, you will also find 'Foo',
'FOO' and the like.

```
Only Whole Words
----------------
```

If this option is checked, only whole words are found. So if you
search for 'foo', you will not find it in 'foobar', as it is only a
part of the word.

For PolyEd, words consist of numbers, characters (even ö,ý,È are
characters) and the character '_'. All other characters (',;.!@*+...)
delimit 'words'.

## 1.37  PolyEd · Menu Windows

```
Menu Windows
~~~~~~~~~~~~
```

Via the menu 'Windows' you can open more windows for each text,
browse through the windows, and arrange the windows.


New Window
-----------
Splits the current window into two windows, containing the same text.
You may open as many windows as you want for each project. See how
modifications in one window are also visible in all others.

You can close  particular windows using the closing gadget. To close
the project, either close all windows by hand, or use 'Project/Close'
which closes all windows at once.


Next Window
-----------
Turns to the next window, which is activated and brought to front.


Previous Window
---------------
Turns to the previous window, which is activated and brought to
front.


Arrange All
-----------
Arranges all opened text windows according to the desired scheme
(stacked, horizontal, vertical or full size).


Arrange Views
-------------
Arranges all opened text windows of the current project according to
the desired scheme. (stacked, horizontal, vertical or full size).


Stacked, Horizontal, Vertical, Full Size
-----------------------------------------
These items determine the scheme which is used for arranging the
windows. There is always one item selected.

 · Stacked: The windows are stacked, in a way that the titlebar of
   all windows is visible.

 · Horizontal: The windows are ordered horizontally from the left to
   the right, in a way, that all are completely visible.

 · Vertical: The windows are ordered vertically from top to bottom,
   in a way, that all windows are completey visible.

 · Full Size: All windows are brought to full size, so only the
   frontmost is visible.

## 1.38  PolyEd · Menu Macros

                    Menu Macros
~~~~~~~~~~~

Via the menu 'Macros' you can learn, execute, load and save
                   macros
                      .

 · For the macros, ARexx is needed. If ARexx is not started, when
   starting PolyEd, this complete menu will be disabled. To start ARexx,
   type »run >NIL: RexxMast« into a shell window, or add this line to
   your s:user-startup file.

 · Saving a macro saves only the macro itself, but not the linkage to a
   specific key-combination. These links are saved with the settings!


Start Learning
--------------
Starts learning a macro. From now on, until you 'Stop Learning'
PolyEd records your actions. There are some limitations though:

 · Learning is true in all windows.
 · Absolutely no mouse actions are recorded.
 · Turning from window to window is not recorded.
 · Only the following actions are recorded:
   – entering and removing text, cut, copy, paste, erase
   – cursor movements and block selection via keyboard (NOT via mouse)
   – find and replace (PolyEd asks, wether, the search- and
     replace-strings, which are current at the time of learning the
     macro shall be used, or the strings which current at time of
     execution of the macro).


Stop Learning
--------------
Stops Learning the macro. A
                   requester
                    is brought up, allowing you to
link the macro to a key-combination and add a description for it.


Execute Macro...
----------------
Brings up a requester, with a list of all macros. You may select one,
to execute. This item is also useful, to remember the keys of some
macros.


Remove Macro...
---------------
Allows you to remove a macro. This does not delete the macro-file, but
only makes PolyEd forgetting the macro.

```
Load Macro...
-------------
```

Brings up a requester, where you may select a macro (or even an
arexx-program). Then a second
                  requester
                   is brought up, allowing you to
assign the loaded macro to a key. See
                  ARexx Macros
                    for informations
on how to use arexx-programs as macros.


```
Save Macro...
-------------
```

Brings up a requester, where you can select the macro to save. Then a
second requester is brought up, where you can specify where to save
the macro.
Please remember that this only saves the macro and not the linkage to
it's key-combination. The linkages are saved with the settings.


## 1.39  PolyEd · Menu Settings


                  Menu Settings
~~~~~~~~~~~~~~

Via the menu 'Settings' you can adapt the look of PolyEd to your
preferences. All settings are global, that means the are valid for
all projects and windows.

If you don't save the settings, they are lost, when leaving the
program. You can create and save different settings for different
styles of text (letters, programs ...), which can then be loaded via
this menu or specified when
                  starting PolyEd
                  .

If no settings are specified when starting PolyEd, the settings are
derived from the following places (in the given order):

 ·  File 'PolyEd.set' in current directory
 ·  File 'PolyEd.set' in 'ENV:' directory
 ·  Default settings


```
Overwrite?
----------
```

This option toggles between insert and overwrite mode, which are
described in the section


```
Auto Indent?
------------
```

Auto Indenting means that when you press return the cursor will start
at the position where text started on the last line.  This is used for
programming, outlines, or whenever you want text to start at an even

position.


TAB is Spaces?
---------------
Normally, PolyEd uses real tabs (special characters, which shift the
rest of the line to the next tab stop). If this option is checked,
simple spaces are used instead. This does not bother allready entered
tabs, which stay what they are.


Wordwrap?
---------
If this option is checked, PolyEd starts automatically a new line when
the cursor reaches the desired right border. If the option is not
checked, you'll hear (and see) a signal, but no new line is started.


Create Icons?
--------------
If this option is checked, PolyEd creates icons, for all files it
creates, so you can reach them via workbench. If you don't like the
shell, you should always check this option.

This is how PolyEd maintains icons:

 · If an icon allready exists, nothing is done to it.

 · If no icon exists, the default icon for the text's suffix is used.
   See
                creating a default icon
                .

 · If no default icon exists for the suffix, the default icon for the
   suffix '.txt' is used.

 · If this also does not exist, the internal default icon is used.


Open on Workbench
-----------------
If you check this option, PolyEd opens on the Workbench screen.


Open own screen...
------------------
If you check this option, a requester is brought up, allowing you to
select the desired screen mode. The screen will always have only 4
colors as to increase speed.
See
                requester 'Open own Screen'
                .


Miscellaneous...
----------------
Brings up a requester, where you can set up a number of different

things. See

                    requester 'Misc. Settings'

                    .


Font...
-------
Brings up a requester where you can select the font which will be
used for the texts.
See

                    requester 'Font'

                    .


Colors...
---------
Brings up a requester, where you can alter the colors of the
screen. This only works, if you opened an own screen.
See

                    requester 'Colors'

                    .


Load Settings...
----------------
Brings up a requester, where you may specify a settings file, to use.


Save Settings
-------------
Saves the current settings to the same file, from which they were
loaded at program start or 'Load Settings'.
If the current settings where taken from 'ENV:' or are the default
settings, they are saved to 'ENV:' and 'ENVARC:', to keep them even
if the computer is turned off.


Save Settings As...
-------------------
Brings up a requester, where you can specify a name, for the current
settings to be saved as. All settings file should have the suffix
'.set', to be easily recognised, and because the requesters for
loading and saving settings display at a default only files with that
suffix.


## 1.40  PolyEd · Requester 'Reveal Project'

Requester 'Reveal Project'
--------------------------
This requester allows to reveal projects, hidden with 'Project/Hide'.
The requester displays a list of all (also non-hidden) projects.

To reveal a project, double click it, or select it, and click the 'Reveal'
button. All windows of the selected project are opened at their
previous position. If you select a non-hidden project, all it's

windows are brought to front.

The close-gadget in the top left corner closes the requester.

## 1.41  PolyEd · Requester 'Find'

```
Requester 'Find'
----------------
```
Enter the text you want to find into the string-gadget. Pressing Enter
within the text-gadget finds the next occurence of this search-string,
which is highlighted then.

'Next' and 'Previous' find the next or previous occurence of the
search-string and highlight it.

The close-gadget in the top left corner closes the requester.

## 1.42  PolyEd · Requester 'Find & Replace'

```
Requester 'Find & Replace'
--------------------------
```
Enter the text you want to find into the 'Find:' gadget, and the text
which shall replace that text into the 'Replace:' gadget.

'Replace' either finds the next occurence of the search-string and
highlights it, or - if it is already highlighted - replaces it by
the replace-string and finds the next occurence of the search-string.

'Next' and 'Previous' find the next or previous occurence of the
search-string and highlight it.

The close-gadget in the top left corner closes the requester.

## 1.43  PolyEd · Requester 'Go to Line'

```
Requester 'Go to Line'
----------------------
```
Enter the line number you want to go to into the number gadget, and
press Enter or click the 'OK' button. 'Cancel' leaves the requester
without doing anything.

The number gadget is in overwrite-mode, so you need not erase the old
number before typing a new one.

## 1.44  PolyEd · Requester 'Assign Macro'

```
Requester 'Assign Macro'
------------------------
```
This requester is brought up, after you stop learning or after
loading a macro, allowing you to assign it to a key.

Enter the desired key-combination into the 'Hotkey:' gadget. Just press
the key-combination (e.g. <Ctrl> and <F1>) and the gadget will display
the key-combination correctly written ('control f1'). You can link
macros to almost all keys and key-combinations (e.g. 'alt help',
'shift return' or 'control shift alt numpad enter').

The 'Desciption:' gadget allows you to enter a short description of
the macro, so that you may later know what a macro does.

Click 'OK' if you are done with the requester, or 'Cancel' to quit the
requester. Cancelling the requester forgets the learned or loaded
Macro.


## 1.45   PolyEd · Requester 'Select Macro'

```
Requester 'Select Macro'
------------------------
```
This requester is brought up when executing, removing or saving a
macro. All macros are displayed in a list. Double-click one, or select
one and click the 'OK' button. 'Cancel' quits the requester without
any action.


## 1.46   PolyEd · Requester 'Open own Screen'

```
Requester 'Open own Screen'"
----------------------------
```
Select the desired mode from the list, by double-clicking it, or by
clicking the 'OK' button. 'Cancel' quits the requester without
selecting a screen mode.


## 1.47   PolyEd · Requester 'Misc. Settings'

```
Requester 'Misc. Settings'
--------------------------
```
This requester allows a number of modifications to be done:


Right border:       Desired width of text. If the cursor is moved to
                    the right of that length AND if word wrap is
                    enabled, PolyEd begins a new line. If word wrap is
                    not enabled, this value is ignored. Values up to
                    10,000 are allowed.

                    Word wrap is only done, when the cursor moves too

far to the right, if you insert text at the
beginning of the line, it is possible to get
lines, longer than the specified value. Changing
that value does not format previously typed text.


Tabulator Width:     Specifies where the tab stops are. Real tabs adapt
themselves to the new value.


Cursor Shape:        Here you may select the shape of the cursor.
In overwrite-mode it's always a block.


Flash:               Toggles cursor-flashing.


Backups:             Here you can set up, if and how many backups
PolyEd will make. If you save a text that already
exists, the old version if not discarded, but
kept, extended by '.bak##' ## stands for a unique
number. The higher the number, the newer the
version.


Auto Save:           Here you can specify if, and after how many
modifications PolyEd shall save a text
automatically. This prevents you from loosing lots
of work on a crash or something else.

'OK' uses the settings, made, 'Cancel' quits the requester without
using the settings.


## 1.48  PolyEd · Requester 'Fonts'

Requester 'Fonts'
------------------
This requester allows you to select a font for the texts. Select font
and size and click 'OK', or click 'Cancel' to quit the requester
without changing the font.

PolyEd can only handle non-proportional fonts, so only these are
displayed in the requester.

For it's menus and requesters, PolyEd uses the font set up via the
preferences.


## 1.49  PolyEd · Requester 'Colors'

Requester 'Colors'
------------------
This requester allows you adjust the screen's colors.

To do so, select the color you want to change from the color-gadget,
and use the Red, Green and Blue sliders to adjust the color. Click
'OK' to use the colors, or 'Cancel' to quit the requester and reset
the colors.

PolyEd supports the AGA chips, so, starting with OS 3.0, you can
select the colors from 16 millions.


## 1.50  PolyEd · How to create your own default icons

```
How to create your own default icons
-------------------------------------
```
PolyEd can create a fitting icon for each text type automatically.
The different types are recognized via the file extension ('.txt',
'.dok', etc.).

For this purpose, PolyEd uses default icons from the drawer
'PED:Icons'. The default icons must be named as def_<ext>, e. g.
'def_txt'.

You can create such icons using IconEdit or programs like that, or by
copying existing icons to the Icons drawer, naming them as described
above.

Icons for the most common text types are already included (standard
and MagicWB).


## 1.51  PolyEd · ARexx


## 1.52  PolyEd · ARexx & Macros

```
ARexx & Macros
~~~~~~~~~~~~~~~
```

PolyEd's macros are simply arexx programs. The only thing you have to
do is, not to activate PolyEd with the ADDRESS command. This is not
necessary because arexx sends all commands it does not know back to
the program which called it, and that is PolyEd in this case anyway.
Therefore the macro is always executed within the scope of the current
project, which is what we want.

If you want to write your own macros, it is recommended that you use
the file 'Macros/Tutorial/empty.ped'.


## 1.53  PolyEd · ARexx - Results

```
ARexx - Results
---------------

All ARexx commandos set the variable RC. In the following table
possible values are explained:

  RC  Meaning
 -------------------------------------------------------------
   0  success
   5  warning
  10  something's wrong
  20  complete or severe failure
```

Some commands have one or more results. To get them set OPTIONS RESULTS
in your program. You will get the result(s) in the variable RESULT.
If a command has more than one result, all results are placed in
RESULT with a space between them.

e. g.: 'GETCURSORPOS' ---> RESULT = "199 42"

You may call the command with VAR <varname> to get the result(s) in
the variable <varname> instead of RESULT.

e. g.: 'GETCURSORPOS VAR CURSOR' ---> CURSOR = "199 42"

If a command returns more than one result, it is recommanded to use
the STEM parameter. Using STEM <stemname> you get the results in
different nodes of the stem-variable. The names of the nodes are
described at the command description.

  ! A stem-variable must end with a colon!

e. g.: 'GETCURSORPOS STEM CPOS.' ---> CPOS.LINE = 199, CPOS.COLUMN = 42


## 1.54  PolyEd · Registration Form

```
 To:                          Please send me the latest version of
 Robert Brandner              _____
 Schillerstraße 3             |                                      |
 A-8280 Fürstenfeld           |              PolyEd                   |
 AUSTRIA/EUROPE               |_____|


  First: ---------------------    Name:  -----------------------------

 Street: -------------------------------------------------------------

PC,City: ---------------------------    Country:  --------------

  EMail: -------------------------------------------------------------


Comment: -------------------------------------------------------------
```

```
--------------------------------------------------------------

--------------------------------------------------------------
```

```
-----------------------------          -----------------------------
        (City, Date)                            (Signature)
```