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## **Chapter 1**

## **GoldED Studio 5**

### 1.1 Welcome

WELCOME !

GoldED Studio 5 is a complete editing environment for Amiga computers. The package comes complete with the editor "GoldED", the HTML-editing environment "Webworld", the spell checking package "Joyce" and Roget's Thesaurus (from Project Gutenberg).

Screenshots

Features

History

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http://members.tripod.com/golded/golded.htm

## 1.2 SCREENSHOTS

SCREENSHOTS

Screenshot 1

This picture shows the new user interface of GoldED Studio 5 (left side) in comparison to the GoldED 4 user interface (right side).

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#### Screenshot 2

This screenshot shows one of many configuration requester of GoldED 5. You see a noteboook-style display configuration requester and the filetype tree in the background (treeviews are a typical user interface element of GoldED Studio 5).

Screenshot 3

This screenshot shows syntax highlighting (color coded text) which is available for various file types and programming languages.

Screenshot 4

The Joyce spellchecking add-on connecting GoldED with Jepser Skov's ISpell. Spelling errors are highlighted while the user is typing.

Screenshot 5

GoldED integrates seamlessly with the SAS/C compiler and the StormC compiler. This screenshots shows the SAS/C integration.

Screenshot 6

This picture shows the Webworld add-on for HTML publishing. HTML-specific toolbars, menus and macros simplify the creation of web pages. The Webworlds add-on is meant as an addition to a WYSIWYG publishing program.

Screenshot 7

A closer look at the properties window. GoldED 5 supports cut & paste in string fields (you see a marker in the name field and what's-this help for the same field).

Screenshot 8

A closer look at the configuration dialog for the reference system.

Screenshot 9

A closer look at the filetype configuration tree.

Screenshot 10

A closer look at the toolbar configuration dialog.

### 1.3 Features

Features

Editor Core

The editor core offers all functions you can expect from a modern AMIGA editor. You get unlimited configurable undo/redo, configurable syntax

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highlighting, templates, folding, automatic backup creation, macro recording and a script language (Rexx). Block functions include support for columnar blocks. Advanced layout fuctions provide constant reformatting and word wrap while you are typing. Drag & Drop is supported, ie. text can be moved with the mouse. Scrolling is exceptionally fast even on slow Amigas. Optional input aids include IntelliSense (context-sensitive completion of words) and AutoCase (automatic case correction). At the end of a day, you can use the session management functions to save the current state of your work.

#### Filetypes

GoldED recognizes the type of files when a document is loaded and automatically adjusts the editing environment for that specific file. For example, the menu will show compiler specific functions and the editor will highlight keywords of the programming language when loading a C source code. Every window can use a different menu, different fonts, etc.

User Interface

User interface features include configurable toolbars, online help for all buttons, asynchronous requesters and context-specific pop-up menus. All aspects of the user interface are configurable: fonts, colors, toolbars, menus, mouse, etc. Notebook-style requesters and treeviews simplify the configuration. Windows can be hidden ("frozen") temporarily and dialog boxes (e.g. the find requester) can be left open permanently. Background processes like printing and backup generation are multithreaded and do not block the user interface. The editor can handle an unlimited number of open screens and windows.

Made For Programmers

GoldED Studio seamlessly integrates with StormC and SAS/C. For example, built-in source level debugger support is provided for StormC users (breakpoints are displayed next to the text). A configurable references system for includes, autodocs, source codes and other material helps you with finding information quickly. The QuickInfo function constantly shows information related to the word under the cursor (e.g. the prototypes of OS functions). The editor automatically highlights the matching bracket when the cursor if placed over a bracket and can check bracket nesting while you are typing. QuickFunc scanners can list all functions, labels etc. defined in your source codes and simplify navigation. Built-in grep support allows you to search patterns in a list of files and to "touch" files (or to search files on your disks). Support for the RCS revision control system is available.

### 1.4 HISTORY

------ 4.0.0 ------

NEW

+ several new ARexx commands/options, e.g.

+ option: PREV/S (FREEZE)
+ option: ASK/S (PREFS)
+ option: LOCAL/S (PREFS)

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```
+ option:
             GLOBAL/S
                            (PREFS)
  + command: BREAKPT
   + option: CLR/S
                            (BREAKPT)
    + option: ADD/N
                            (BREAKPT)
   + option: PREV/S
                            (BREAKPT)
    + option: NEXT/S
                            (BREAKPT)
  + option: ABSNAME, ...
                            (QUERY)
  + option: PROTECT
                            (XREF)
  + ...
+ modes support: window-local configuration depending on file type (4.0.0):
  + syntax parser, menu, fonts, icons etc. can be set for every window (4.0.0)
  + multiple screens can be used simultaneously (4.0.0)
+ new undo mode "AUTO" (4.0.0)
+ icon toolbar (optional) (4.0.0)
+ new user interface; notebook configuration requesters (4.0.0)
+ new flexible object-oriented configuration file format ("registry") (4.0.0)
+ non-modal (non-blocking) requesters (4.0.0)
+ function scanner, ASCII table etc. can be kept open permanently (4.0.0)
+ unlimited number of reference databases can be loaded for every mode (4.0.0)
+ HTML syntax highlighting, HTML function scanner (4.0.0)
+ configurable C/C++ syntax parser "WarpStormC++" (4.0.0)
+ new (fast) API-2 library interface; local configuration supported (4.0.0)
+ new quickstarter (4.0.0)
+ breakpoints management (4.0.0): GoldED can be used as SLD debugger frontend \leftrightarrow
   (4.0.0)
+ variables management: local/global variables (4.0.0)
+ new event type "sequence" (menu/mouse/keyboard configuration) (4.0.0)
+ drag & drop: move marked text using your mouse (4.0.0)
+ grep filter requester provides direct-load option (4.0.0)
+ touch option for fgrep filter requester (4.0.0)
+ IntelliSense input aid: automatic word completion depending on context (4.0.0)
+ optional SMART_REFRESH for text buffers (reduced CHIP RAM usage)
+ fast API-2 version of the mirror client (online bracket highlighting) (4.0.0)
+ Swedish catalog translation by Lars Renström (4.0.6)
+ clicking into block hides block (4.0.7)
ADJUSTMENTS
+ new installer script (minimum/maximum installation) (4.0.0)
+ improved menu (4.0.0)
+ "fold all", "unfold all" and AutoFold faster (4.0.0)
+ improved internal editor design (object oriented) (4.0.0)
+ improved ESC requester termination (new edit hook for string gadgets) (4.0.0)
+ improved listview handling if deleting items (4.0.0)
+ GoldED directory structure reorganized (4.0.0)
+ undo-feature (if a requester is canceled) doesn't require temp files (4.0.0)
+ the following start options have been replaced by FILETYPE/K:
  - CONFIG/K, SCREEN/K
+ ARexx command set redesigned: configuration controlled by variables (4.0.0)
+ recorded sequence is saved with configuration (4.0.0)
+ sequence recording supports nested recording (4.0.0)
+ setup of user-defined gadgets independent of menus (4.0.0)
+ window arrange: reserved areas can be defined for all screen borders (4.0.0)
+ Hotkey interrupts reference database creation/file search (4.0.0)
+ most listviews support multiple selection (SHIFT-click; OS3 required) (4.0.0)
+ find/replace history saved as part of the configuration (4.0.0)
+ keyboard configuration: import option (4.0.0)
```

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```
+ recompiled with compiler version 3.20 (4.0.5)
+ import option added to local configuration requester (4.0.6)
+ improved FILETYPE handling of quickstarter (4.0.6)
+ up/down gadgets for function scanner configuration (4.0.10)
+ stack check added to fold-all function (4.0.11)
+ catalogs updated (4.0.12)
BUGFIXES
+ enforcer hit in event definition requester; fixed (4.0.1)
+ enforcer hit caused by display refresh handler; fixed (4.0.2)
+ editor didn't use correct console definition string if sending ARexx commands ←
   (4.0.3)
+ reloading of a text didn't refresh breakpoints (4.0.3)
+ enforcer hits if GoldED couldn't start due to missing library; fixed (4.0.4)
+ column insertion could cause enforcer hit if syntax highlighting was enabled \leftrightarrow
   (4.0.6)
+ enforcer hit after the last menu has been deleted; fixed (4.0.6)
+ warpMail syntax parser: now handles "-" in URL correctly (4.0.6)
+ configuration requesters caused enforcer hits on Cybergraphics systems; fixed \leftrightarrow
   (4.0.7)
+ mungwall hit if closing the parent window of the parent window of a requester; \leftrightarrow
   fixed (4.0.7)
+ loading compressed IFF toolbar images could crash GoldED; fixed (4.0.7)
+ preparsing bug of syntax parsers fixed (4.0.8)
+ "add" gadget of scanner configuration requester didn't work (4.0.9)
+ WINDOW PREV didn't work with two open windows (4.0.10)
+ SMART_REFRESH windows are forced to the front (4.0.10)
+ bad fold structure (more fold start markers than end markers) not detected; \,\,\,\,\,\,\,\,\,\,\,\,\,
   fixed (4.0.10)
+ mungwall hit of buffer rename requester fixed (4.0.11)
+ ASL file requester appeared on wrong screen (OS2.x only) (4.0.13)
+ error in "standard.keymap" made GoldED overwrite random memory address (4.0.13)
+ pattern parsing bug (mode selection) fixed (4.0.13)
----- 4.1.0 ------
NEW
+ new ARexx commands/options:
  + option: TOGGLE/S (SET)
+ new variables SHIFT, ALT, CTRL (4.1.0)
+ Italian menu and Italian catalog translation by Dr. Giovanni Addabbo (4.1.0)
+ French menu and French catalog translation by Georges Goncalves (4.1.2)
+ tolerant AutoDoc scanner "autodocslow" (no FF required) (4.1.3)
+ new count requester (block-only option) (4.1.3)
+ ASCII code display: decimal, hexadecimal and octal value are displayed (4.1.3)
+ spacing between toolbar gadgets can be set (4.1.3)
+ exclude cursor option active: automatic block promotion (4.1.3)
+ two-pass mode selection: 1st pass = full path parsing, 2nd path = file name \leftrightarrow
   parsing (4.1.4)
ADJUSTMENTS
+ text font is used for syntax parser example text; used to be screen font (4.1.0)
+ text font is used for ASCII table; used to be window font (4.1.0)
```

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```
+ case sensitive menu shortcuts: fallback to unshifted shortcut added (4.1.0)
+ REQUEST command accepts "|" and LF code as separator (4.1.2)
+ referenced files are not write-protected if already open (4.1.3)
+ improved Pascal scanner (4.1.3)
+ NEW NONAME resets filetype (4.1.4)
BUGFIXES
+ user-defined variables couldn't be used to control menu checkmarks; fixed \leftrightarrow
+ searching non-existent path made GoldED display endless insert-volume requests \leftrightarrow
   (4.1.2)
+ replace function didn't refresh cursor line if replacing one char by another \,\,\,\,\,\,\,\,\,
   char (4.1.2)
+ editor didn't display text if mode change has been caused by loading a file into \leftrightarrow
    existing window (4.1.2)
+ drag-and-drop pointer didn't disappear in all windows if attempting to move \ensuremath{\hookleftarrow}
   block into itself (4.1.3)
+ spelling error in api.h fixed (4.1.3)
----- 4.2.0 ------
NEW
+ new ARexx commands/options:
  + command: STOP
  + option: STOP
                     (HELP)
                     (BREAKPT)
 + option: ALL
  + option: CLEANUP (BREAKPT)
+ multiple toolbars in editor windows (4.2.0)
+ script parser WarpScript for editing startup sequence etc. (4.2.0)
+ new variables RC and RESULT (4.2.0)
+ WWW Publishing Extensions for GoldED (available separately) (4.2.0)
ADJUSTMENTS
+ documents created by GoldED don't have the executable bit set (4.2.3)
+ ASL file requester hides info files (4.2.4)
+ AutoCase function respects white space settings (4.2.5)
+ REQUEST command supports variable-sized buttons (4.2.5)
BUGFIXES
+ center flag (display configuration) is respected (4.2.0)
+ flags in screen title are updated properly during mode changes (4.2.0)
+ potential deadlock problem of public screen handling fixed (4.2.0)
+ syntax parser configuration: reset button didn't clear parser name gadget \ \ \hookleftarrow
   (4.2.0)
+ parsing startup arguments could cause enforcer hit; fixed (4.2.1)
+ editor didn't recognize template '\"' (event definition) (4.2.2)
+ backfill hook bug fixed (responsible for screen background refresh) (4.2.2)
+ registry maintenance system sometimes lost presets installed by the regedit tool \hookleftarrow
   ; fixed (4.2.2)
+ quickstarter overwrote stack if too many file names were specified; fixed \leftrightarrow
   (4.2.2, ED 3.3)
+ bug of internal block-to-object function fixed (4.2.3)
```

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```
+ failed save operation (file already locked) did set delete-protection; fixed \leftrightarrow
   (4.2.3)
+ SESSION command didn't AutoFold files (4.2.3)
+ ASL requester could crash GoldED if sharing the screen with other apps; fixed \leftrightarrow
   (4.2.4)
----- 4.3.0 -----
NEW
+ new ARexx commands/options:
 + option: UNPARSE (SYNTAX)
 + option: DIR/K
                     (RUN)
                   (MORE)
 + option: NAME/K
 + option: FILETYPE/K (MORE)
 + option: FILETYPE/K (WINDOW)
 + option: EXPORT/S
                      (SAVE)
+ new HTML parser; recognizes comments (4.3.0)
+ online spellchecking: Words for GoldED 4 (available separately) (4.3.0)
+ breakpoints can be set before the start of a debugger session (4.3.0)
+ breakpoints can be saved (4.3.0)
+ additional developer information (registry, debugger, syntax parser) (4.3.0)
+ StormC environment (4.3.2)
ADJUSTMENTS
+ default file pattern saved with configuration (4.3.0)
+ DEBUG STOP doesn't require PORT/K parameter (4.3.2)
+ quickstarter supports SESSION/K argument/tooltype (4.3.2)
+ quickstarter reads tooltypes of text icons, not tooltypes of ED icon (4.3.2)
+ menus redesigned: additional submenus (4.3.2)
BUGFIXES
+ TAB requester didn't sort tabs correctly (4.3.0)
+ BREAKPT NEXT/PREV didn't handle folds correctly (4.3.0)
+ MIRROR client didn't ignore fold headers; fixed (4.3.0)
+ mungwall hit of save-config requester fixed (4.3.1)
+ copy/paste button of menu configuration could crash GoldED if used in submenus \leftrightarrow
   (4.3.2)
+ toolbar configuration: "space"-gadget caused enforcer hits; fixed (4.3.3)
      ----- 4.4.0 ------
NEW
+ new ARexx commands/options:
 + option: CAPS (QUERY)
 + option: QUERY/K (BREAKPT)

+ option: QUERY/K
 + option: CHKCASE/S (BLOCK SORT)
+ API interface 3.0 (4.4.0)
+ toolbar bubble help (4.4.0)
+ toolbar images are remapped dynamically to match colors of screen (4.4.0)
+ 16 color toolbar images (optional) (4.4.0)
```

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```
+ QuickInfo API client shows info for word under cursor (e.g. function prototypes) \leftarrow
    (4.4.0)
+ WWW environment 2.0 released (available separately)
 + bookmark management
 + ISO 8859 / ISO Latin 1 conversion
 + GIF image size detection
 + palette window for color selection
 + browser preview button
+ bookmarks move with text (4.4.2)
+ breakpoints can be saved without saving file (4.4.2)
ADJUSTMENTS
+ ARexx debug mode shows outgoing commands (4.4.0)
+ unset breakpoints are deleted after a debugger session (4.4.2)
BUGFIXES
+ image remapping could crash GoldED if running under OS2 (4.4.1)
+ breakpoint rendering bug fixed (4.4.2)
+ vertical paste could corrupt memory list if pasting over end of file with syntax \leftrightarrow
    parsing enabled; fixed (4.4.2)
+ image remapping bug fixed (random memory writes if aspect ratio of the image was \leftarrow
    below 1:1; e.g. 1:2) (4.4.3)
NEW
+ new ARexx commands/options:
 + option: VERTICAL (MARK)
 + option: VERTICAL (MOUSE)
+ full vertical blocks support: (4.5.0)
 + vertical marking
 + cut/copy/paste/move
 + drag & drop
 + printing of vertical blocks
 + replace/count in vertical blocks
+ Spanish catalog by Thomas Bliesener (4.5.0)
+ new API event type API_CLASS_IO (4.5.0)
+ API client "Signature" for MicroDot environment (4.5.0)
+ Norwegian catalog translation by Kim Roar Utsi (4.5.1)
+ new requester design (4.5.1)
+ new "document attributes" requester (replaces bits/name requesters) (4.5.1)
+ copy/paste gadgets in toolbar configuration (4.5.2)
ADJUSTMENTS
+ background-editing in SMART_REFRESH windows (4.5.0)
+ internal images are remapped to match colors of screen (4.5.1)
+ image remapping supports pen-0-transparency (4.5.2)
BUGFIXES
+ AutoCase didn't recognize words ending with a white space character (4.5.0)
+ PRINT command: FORCE/C option didn't work (4.5.0)
```

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```
+ hotkey gadget in event definition requester caused enforcer hit; fixed (4.5.1)
+ SAVE BUFFERS didn't correctly detect modified buffers (4.5.1)
+ sequence playback: replace-all operations did stop macro playback; fixed (4.5.1)
+ REQUEST PROBLEM command did trash memory if error string was longer than 140 \,\leftrightarrow
   characters; fixed (4.5.2)
----- 4.6.0 ------
NEW
+ new ARexx commands/options:
 + command: TOOLBAR
 + option: LINES
                    (NEW)
 + option: THIS/S (FIND)
 + option: DIR/S
                    (REQUEST)
 + command: FILES/S (REQUEST)
 + command: EXPAND
  + option: INFO/S (FILE)
+ context pop-up menus (4.6.0); upgrade suggestion: install the new mouse \leftrightarrow
   configuration
+ new variables (4.6.0)
 + POSITION
  + CLASS
+ Polish catalog by Marcin Orlowski (4.6.0), author of WFMH LocalePL v2! (LocalePL \leftrightarrow
    homepage at http://wfmh.man.szczecin.pl/pl/)
+ Norwegian catalog update by Kim Roar Utsi (4.6.2)
+ context menus support Win95/NT-like submenus (4.6.2)
+ subpages added to notebook configuration (4.6.2)
+ warpScript parser recognizes Installer comments in batch files (4.6.2)
+ scaling factors can be set in display configuration to enlarge requesters or to \leftrightarrow
   configure the width/height ratio of requesters (4.6.3)
+ scrolling of planar screens faster if syntax highlighting doesn't use all planes \leftrightarrow
    (4.6.3)
+ 11 points version of GoldED font (4.6.3)
+ SET/QUERY can be used to read/set environment variables ($<name>) (4.6.3)
+ new variables (4.6.3)
 + RECORD
  + BITS
+ Spanish menu/toolbar translation by Ernesto Poveda Cortes (4.6.3)
ADJUSTMENTS
+ sessions saved with filetype information (4.6.0)
+ screens are closed asynchronously so that blocking visitor windows won't block \ \leftarrow
   GoldED (4.6.0)
+ standard mouse configuration updated so that the ALT modifier can be used to \ \leftarrow
   mark columns (4.6.3)
BUGFIXES
fragmentation while loading; fixed (4.6.0)
+ comment parsing bug of C++ parser fixed (didn't ignore leading spaces in \leftrightarrow
   comments) (4.6.0)
+ editor didn't update vertical slider after loading a session; fixed (4.6.0)
+ the SCREEN ICONIFY command crashed GoldED if assigned to a key; fixed (4.6.0)
```

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```
+ editor didn't correctly determine the size of XPK files; fixed (4.6.1)
+ formatting a color-coded text could crash GoldED (if lines were added during \leftrightarrow
   formatting); fixed (4.6.1)
+ status flag didn't always correctly show the write-protected status of files; ←
   fixed (4.6.2)
+ backup file name generation didn't preserve the original file name suffix; fixed \leftrightarrow
    (4.6.3)
+ installer script failed if quickstarter destination was set to "GoldED:"; fixed \leftrightarrow
   (4.6.3)
+ clock didn't correctly display proportional fonts, fixed (4.6.3)
+ AppIcon sometimes remained visible after iconify; fixed (4.6.3)
+ empty lines in listviews were not displayed correctly on pre-OS3.0-systems; \leftrightarrow
   fixed (4.6.3)
+ ARexx debugger corrupted memory list while showing long strings; fixed (4.6.3)
+ AmigaGuide syntax parser didn't correctly recognize unterminated links; fixed \leftrightarrow
+ editor didn't attach the new hunter configuration to a text buffer after \,\,\,\,\,\,\,\,\,\,\,\,
   assigning a new filetype; fixed (4.6.3)
+ error in menu configuration (extras/local options); fixed (4.6.3)
  -----4.7.0 ------
NEW
+ new ARexx commands/options:
  + option: NAME/K (TOOLBAR)
  + option: SHOW/K (TOOLBAR)
+ toolbars can be enabled/disabled separately (4.7.0)
+ toolbars can be arranged with the mouse (4.7.0)
+ Revision Control System environment for HWRCS released (4.7.0)
+ new variables (4.7.1)
  + MARKER
+ Russian catalog by Oleg Sergeev (4.7.1)
+ Catalan catalog by Llorenç Grau (4.7.2)
ADJUSTMENTS
+ improved installation of environments (dupes are removed) (4.7.0)
+ separator line between toolbars (4.7.1)
+ list of frozen buffers is kept sorted and shows file names relative to current \leftrightarrow
   path (4.7.2)
+ global configuration requester rearranged (4.7.2)
+ TAB function ignores insert/overwrite configuration (4.7.2)
BUGFIXES
+ problems with detecting uppercase/lowercase menu shortcuts; fixed (4.7.1)
+ enforcer hits while setting insert mode if buffers were hidden; fixed (4.7.1)
+ usage of SHIFT for multiselection conflicted with usage of SHIFT for fast \ \leftrightarrow
   scrolling in some listviews; fixed (4.7.1)
+ C/C++ and WarpStormC++ syntax parser failed to highlight "\" correctly; fixed \leftrightarrow
   (4.7.1)
+ C/C++ syntax parser didn't handle '_' correctly; fixed (4.7.1)
+ editor failed to consider FORCE option of SAVE command; fixed (4.7.2)
+ FILE RENAME requester occasionally showed wrong window/screen title; fixed ←
   (4.7.2)
```

```
+ modal error requester interfered with refresh of SIMPLE REFRESH windows; fixed \leftarrow
   (4.7.2)
   ----- 5.0.0 ------
NEW
+ new ARexx commands/options:
 + option: RESET/S (DEBUG)
 + option: ALL/S
                      (MARK)
 + option: UPDATE/S
                      (GREP)
 + option: ASK/S
                      (CMD)
 + option: CONSOLE/S (CMD)
 + option: OUTPUT/K (CMD)
 + option: MARKED/S (FIND)
 + option: WORDS/S
                      (GREP)
 + option: NEW/S
                      (GREP)
 + option: NEXT/S
                      (REQUEST)
 + option: DIR/S
                      (INSERT)
 + option: REXX/S
                      (MACRO)
 + option: OFFSET/S (GOTO)
 + option: REPEAT/S (MACRO)
 + option: TEXT/S
                      (RX)
 + option: SUGGEST/K (OPEN)
 + command: REGEDIT
 + command: IMAGES
 + command: MAN
+ new variables (5.0.0)
 + STYLE
 + MAKE
+ online block formatting while typing (5.0.0)
+ completely new user interface; various gadttools gadgets have been replaced with \leftrightarrow
    a BOOPSI gadget class (5.0.0)
 + new checkbox gadgets support smooth scaling (5.0.0)
 + borderless toolbar design (5.0.0)
 + string gadgets support marking and provide full clipboard support (5.0.0)
 + drop-down selection boxes instead of cycle gadgets (5.5.0)
 + treeview gadget to browse object trees (5.0.0)
 + list gadgets support horizontal scrolling (5.0.0)
 + list scrollers appear and disappear on an as-needed basis (5.0.0)
 + in-place editing of list elements: click on the selected list entry to edit \leftrightarrow
     its name where you have click (5.0.0)
 + drag & drop in lists (5.0.0)
local/global options (5.0.0)
+ bubble help (what's-this tooltips) for all gadgets (5.0.0)
+ new improved grep requester (5.0.0)
+ support for floating requesters: requesters can be left open permanently (5.0.0)
+ configurable toolbar button size (5.0.0)
+ new appicon starter supports true color images (5.0.0)
+ remote.library supported (button to connect directly with WWW support in about \,\,\leftrightarrow\,
   box) (5.0.0)
+ FAX support (envFAX10): send current document as FAX; requires STFax (5.0.0)
+ drop-icon (app-icon) has menu with commands to unload/unlock the editor (5.0.0)
+ improved AmigaGuide environment (conversion of the current document to a guide) \leftarrow
   (5.0.0)
```

```
+ filetypes can have names independent of filetype pattern (5.0.0)
+ envTHR environment (support for Thor, a mail & newsreader) (5.0.0)
+ recorded sequences can be saved ("exported") as Rexx macros (5.0.0)
+ goto-byte-offset requester (5.0.0)
+ requester to set repeat count for next key/menu event (5.0.0)
+ appicon shows busy state (5.0.0)
+ optional sequence compiler (faster sequence playback) (5.0.0)
+ faster backups of large files (cross-device backups performed by background task \leftrightarrow
   (5.0.0)
+ SAS/C environment for C/C++ programming (5.0.0)
+ sequences can be applied to a list of files ("apply sequence to..." menu) \leftrightarrow
+ installation scripts of all add-ons support deinstallation (5.0.0)
+ English Thesaurus included (Roget's Thesaurus) (5.0.0)
+ password gadget supports "invisible typing" to hide the password (5.0.0)
+ macro dirlist.rexx inserts directory list into text buffer (5.0.0)
+ proportional Studio.13 font for 800x600 screens (5.0.0)
+ option to have marked text replaced with input (5.0.0)
+ improved drag & drop
  + STRG key controls whether text is moved or copied (5.0.0)
  + timer-controlled drag & drop start (5.0.0)
+ intelligent image cache (global options) for faster image loading and faster \leftrightarrow
   remapping (5.0.0)
+ automatically fixes simple spelling errors in file names, e.g. loads "main.c" if \leftarrow
    you type "nain.c" (optional) (5.0.0)
+ modular and hierarchical configuraton: preset files can include other preset \,\,\,\,\,\,\,\,
   file at run time (5.0.0)
+ improved color management: OS3 compliant pen allocation (5.0.0)
+ dynamic tooltip (bubble help) popup timing (5.0.0)
+ spell checking add-on Joyce supports multiple languages (5.0.0)
+ make button for project requester (runs user-defined macro) (5.0.0)
+ hierarchical project management (5.0.0)
+ support for "hard tabs" (5.0.0)
+ new user interface pen ("grey" pen for shadows) (5.0.1)
ADJUSTMENTS
+ requires AmigaOS3.0 or better (5.0.0)
+ backup names are prefixed with "copy of ..." instead of using the ".bak" suffix \ \leftrightarrow
   to preserve the filetype (5.0.0)
+ improved "selected" look for window border gadgets (on screens with more than \leftrightarrow
   four colors) (5.0.0)
+ bubble help supports automatic formatting and multiple lines (5.0.0)
+ solid (as opposed to dashed) separator line between menu items (5.0.0)
+ block-to-input-field gadget copies word under cursor to the input field if no \ \leftrightarrow
   text has been marked (5.0.0)
+ context menus use screen font (5.0.0)
+ UNFOLD/K option of GOTO command doesn't change global unfold flag (SET UNFOLD \hookleftarrow
   =... does) (5.0.0)
+ directory structure in editor drawer cleaned up (5.0.0)
+ 12 points version of GoldED font included (5.0.0)
+ sequences recorded with GoldED 4 do not support floating requesters and may not \,\leftrightarrow\,
   play properly under GoldED 5 (5.0.0)
+ optimized versions for 68020-68040 (5.0.0)
+ internal beep routine routine replaced with DisplayBeep() to avoid problems with \leftrightarrow
```

UAE (5.0.0)

+ input length in string gadgets unlimited (5.0.0)

- + default extension for rexx macros changed to ".rexx" (5.0.0)
- + can run rexx macros with spaces in path (unsupported by the rexx server) by  $\leftarrow$  creating a temporary assign without spaces (5.0.0)
- + improved text refresh during spell checking sessions when learning new words  $\leftarrow$  (5.0.0)
- + doublestrike printing removed (obsolete) (5.0.0)
- + fonts and libs are installed locally (to golded:etc) (5.0.0)
- + function of "save" button in toolbar changed from save-as to save (5.0.0)
- + faster image remapping (based on chunky pixel meta images) (5.0.0)
- + obsolete variable SOLID removed (TABMODE sets tab mode) (5.0.0)
- + obsolete option BLOCK HIDE removed (use MARK HIDE instead) (5.0.0)
- + obsolete option XREF BUILD removed (use MAN BUILD instead) (5.0.0)
- + options HIDE/K and KEY/S of REQUEST command removed (5.0.0)
- + option BLOCK/S of FIND command (searches marked text) renamed to MARKED/S  $\leftrightarrow$  (5.0.0)
- + CMD command now requires usage of the ASK/S option to show the requester (5.0.0)
- + support for dynamic tabs removed (replaced with hard tabs) (5.0.0)
- + format of xref databases changed to use the internal object-oriented format (  $\leftarrow$  please rebuild) (5.0.1)

#### BUGFIXES

- + REMAP command didn't refresh modified flag; fixed (5.0.0)
- + LibExpunge() now handled correctly by syntax parsers and plug-ins (5.0.0)
- + the undo system didn't recognize SMARTCR (SHIFT-RETURN) in last line of a file;  $\leftarrow$  fixed (5.0.0)
- + user input in the current line was lost when switching the file type; fixed  $\leftrightarrow$  (5.0.0)
- + SAVE BUFFERS didn't always reset the file-modified flag; fixed (5.0.0)
- + user input in the current line was lost after moving the toolbar; fixed (5.0.0)
- + SET command didn't set env variables properly (random garbage after string);  $\leftarrow$  fixed (5.0.0)
- + enforcer hit during undo after loading a file if undo changes file type; fixed  $\leftrightarrow$  (5.0.0)
- + Warning: GoldED 4 syntax pasers may loose memory under GoldED 5 (5.0.0)
- + SORT command didn't sort folds correctly; fixed (5.0.0)