Dokumentation

COLLABORATORS			
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WRITTEN BY		February 12, 2023	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

Dokumentation

1.1   AmigaWorld - Dokumentation

```
          * AmigaWorld 5.16 *
```

```
© by Wolfgang Lug
Documentation
```

```
AmigaWorld is an informative and up-to-date database with much information
about every country, many descriptions and maps.
```

```
This documentation was made to show you those abilities of AmigaWorld
that you might not notice by experimenting. Please have a look at the
```

```
          example
          .
```

```
          Contents
```

1.2   Contents

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                    NEW: AmigaWorld on the WorldWideWeb
                                               Viva las Amigas!
```

1.3 Features

```
                    What AmigaWorld is
------------------
```

AmigaWorld contains much information about every country on Earth that you
can call up in a country window. You can easily compare data of two or more
countries by opening up to ten of these windows. More advanced comparation
features are offered by the country list: You can select particular coun-
tries and sort them or search through them in many different ways.

Additionaly AmigaWorld contains informative description texts about every
country and about all continents and many international organizations.
Maps can show you the location of a country, vice versa you can select
countries by clicking on a map.

AmigaWorld is easy to use and offers output in English, German, French,
Dutch, Italian, Swedish, Danish, Norwegian and Finnish.
Screen mode, font and colours can be chosen by you.

The demo-version is limited: You cannot access all of AmigaWorld's featur-
es. Please have a look at the file called "Limitations" to see what you are
missing.

What AmigaWorld is not

```

AmigaWorld cannot take the place of an atlas because it is not the pro-
gram's goal to display sophisticated maps, but to give fast access to
information and the ability to compare data that you had to look up for
each country seperately.

There is a certain PC program that knows much more data but if you do
not have to know how many pharmacists per square foot live in Birmingham:
AmigaWorld does know the -important- facts.


```
             System requirements
```


1.4 System requirements

```
System requirements
-------------------
```

AmigaWorld Version 5 requires at least Workbench 2.1, 2 MByte of RAM and
a hard disk. A 68000 processor will do fine.

1.5 Getting started

```
              Installation
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```

You cannot start AmigaWorld directly form the diskettes that you received
it on: You have to install the software on your hard disk first. This is
done the usual way with the Installer program.
If you have received AmigaWorld on a CD-ROM or via Aminet then you can get
going immediately.


```
Start
-----
```

Simply double-click on its icon to start AmigaWorld from Workbench.
If you like to run it from Shell you have to enter "cd AmigaWorld:"
(i.e. the complete path where the program is located) and "stack 8000"
before starting the program. Parameters cannot be specified.


```
             Output in another language
```


1.6 Output in other languages

```
Changing to another language
--------------------------
```

After start AmigaWorld introduces itself in English. But you can switch

to another user interface! Select "Language" from the "Configuration"
menu and click on one of the available languages.
All data and some of the descriptions will now be displayed in the
language of your choice.

Just by the way this feature of AmigaWorld offers you the great opportunity
to study the basics of a foreign language! Why not try to cope with the
German user interface!

1.7 Elements of the AmigaWorld screen

                  The most important elements of the AmigaWorld screen are the ←
                     country list,
the search gadgets and the little world map.

The country list

All countries that AmigaWorld knows about are displayed in the list at
first. Clicking on a country with the mouse brings up a
                  country window
                  with the basic data about it. The menu of this window offers you ←
                     more
information.

You can affect the contents of the list with the
                  Selection menu
                  , e.g.
have a look at the countries of one continent or one organization only.
The order of the list is fixed in the
                  Sort by menu
                  .

The
                  Display menu
                   determines the look of the list: You can choose
if dependencies and rank numbers are to be displayed, and so on.

The search gadgets

With the help of the text gadget you can search through the selected
countries for different things. You can e.g. find out where Spanish is
spoken. Wheter to search for a country's name, a language or something
else is chosen in the gadget below.

Search Mode

There are two search modes: "exclude" means that AmigaWorld only searches
the selected countries. Countries that do not match your input will be
excluded from the list. By using this mode you can for example find out

in which countries German AND Italian is spoken:
Select all countries, choose "Search for language", then type "Italian"
into the gadget, hit return, type "German" and hit return again.

The "include" mode works contrastingly: All countries in the list remain
selected, and all other countries that match your input will be included
too. So you can find out where German OR Italian is spoken:
Select all countries and switch on "mode: exclude", and search for Italian.
Then switch on "mode: include" and search for German.


```
Pecularities
------------
```

AmigaWorld knows about accents and umlauts: It does not matter if you
enter "e" or "é", "ae", "æ" or "ä". Search is not case-sensitive, i.e.
you can enter "Åland" or "aAlaND".

If you do not want to type in the whole word: The first letters will do,
like "Great B*". Other wildcards are not supported. Some things are to
be known when searching for ...

 * Name: If you enter the abbreviation of a country instead of its name
    (like "GB") then the country itself and all its dependencies will be
    found. AmigaWorld knows more than one name for many countries:
    It does not matter if you type in "England", "Great Britain" or
    "United K*".
 * Location: Possible input is "East Asia" or "Central Europe", but you
    can also type in the name of a
                  sea
                   to get a list of the adjacent
    countries.
 * Religion: Do not enter the name of a religion ("Islam"), but the
    name of its followers ("Muslimes").
 * Currency: You can only search for main-units ("Dollar"), not for
    sub-units ("Cents").


```
The little world map
--------------------
```

Clicking the left mouse button over the map brings up a huge
                  map
                   of
the continent you aimed at. Now you can call up the data of a country
by clicking it.
Clicking the right mouse button brings up a big world map.

1.8 Search for a sea

AmigaWorld knows about the following seas: Atlantic, North Sea,
Baltic Sea, Mediterranean, Black Sea, Indic, Red Sea, Pacific.

1.9   The menus

AmigaWorld offers the following five menus:

AmigaWorld

Selection

Sort by

Display

Configuration
If you still have not had a look at the
example
-- please have a look
now. It will show you some of the things that you can do with the menus.

1.10   AmigaWorld menu

This menu provides some information on AmigaWorld and the least important
feature: "Quit".

1.11   Selection menu

If you would like to have a look at the countries of one continent ←
or
organization only, then you can get a list of them with this menu.
The first two items were designed for use after
searching
.

* All countries: puts all 258 countries and dependencies into the
  selection list.
* Restore: puts exactly those countries back to the list that have
  been there before your last search.
* Continent: brings up a new window with a list of the continents.
  Click one to get a
            description
           of it and a list of the countries
  located there.
* Organization: works the same way, with a choice of important
  international organizations.
* Calc average: This item makes it possible to have a look at the
  average value of any figure for the selected countries. So you can
  find out about the average expected lifetime in Central Europe or
  Africa. Before calling this function, you have to sort the list
  properly.
            Info for mathematicians.
            * Calc sum: This item works similar, except for the fact that ←
              you can

only look at the sum of area, population and GNP---adding up the other
  figures would be senseless, anyway.
* Load / Save: Saves or loads the contents of the list.

1.12   Calculation of average values

AmigaWorld gives yoou the "real" average, not just the arithmetical mean:
When calculating life expectancy you would not get the correct result by
adding all values and dividing their sum by the number of countries.

Example:
Country A has 100 inhabitants with an expected lifetime of 60 years,
in country B live 20 human beings (m) that become 80 years (a) old.
The average is not the mean of 60 and 80, but 63.3:

```
   100m * 60a + 20m * 80a   6000am + 1600 am   7200a     _
   --------------------- = ---------------- = ----- = 63,3a
     100m   +   20m             120m             120
```

1.13   Sort by menu

Gives you 14 different criteria to sort the list: When selecting size,
Russia comes first and the Vatican is at the end.
If you can't stand the pope being displayed at the bottom then you might
use the "Reverse order" item ...

1.14   Display menu

              This menu determines the look of the country list. It is most ←
                 interesting
in connection with the "Sort by" menu as you have already seen in the

              example
               .

* Rank: Each country gets a number in fromt of it when this option is
    checked.
* Official names: The official names are displayed instead of the common
    ones. Quite useless.
* Value: When you activate this option and the list is sorted by popul-
    ation then the number of inhabitants will be displayed behind every
    country. This works the same way with all other choices that you make
    in the "Sort by" by, except for alphabetical order, of course.
* Dependencies: By de-activating this one, you can remove all
    dependencies from the selection list.
* Compare: Not only the currently selected countries will be displayed,
    but also those that had been selected before your last search or your
    last use of the "Selection" menu. They will be displayed in a different
    colour, so you can easily compare two lists.
    If you would like to compare two completely different lists that can

```
   only be created with more than one step:  Save list 1 to disk, create
   lisk 2,  load list 1 again,  restore list 2 with the second item of the
   "Selection" menu---then you can compare.
   Moreover you can (de)select single countries with the right mouse
   button when this item is checked.
```

1.15   Configuration menu

```
                With this one you can adjust the looks of AmigaWorld quite largely ←
                  to your
personal preferences:

 * Palette:  On 16-colour screens maps and flags are still displayed in
    the right colours, but on an 8-coloured screen they will not look very
    good after changing the palette.
 * Screen Mode:  Another requester appears, and you can choose a new
    screen mode.  Better not use lores modes.
 * Font:  "FarawayEyes" font that comes along with the program is quite
    suitable.
 * Language:  For switching to another
                user-interface
                .
 * Measures:  A feature for all you Anglo-Americans:  You can get area
    figures in sqare miles instead of square kilometres.
 * Save:  Puts the settings of the config menu to disk; AmigaWorld will
    use them right after you start it the next time.
```

1.16   Country windows

```
                At first, the
                basic data
                 is displayed in the country window.  Using the
"Data" menu gives you
                population data
                 or
                economic data
                 instead.

The other menu offers even more information:  You can call up an English

                description
                 about the country, a
                location map
                 and a list of its dependen-
cies, if any.  Moreover you can print out the data.


You can still use all menus of the main window, the country list and the
search feature, after having opened up to ten country windows.
```

1.17   Data

Most data was taken from the 1997 edition of "Fischer-Weltalmanach ↩
",
a German yearbook. Other sources include the internet, newspaper articles
and information provided by users.
If you are interested to understand WHAT kind of data is given you
then you should read the following sections:

Basic data

Population data

Economic data

1.18 Basic data

Several countries have changed their NAMES recently, like Burma into
Myanmar or Upper Volta into Burkina Faso. If you cannot find a country
in the list, you are probably searching for an old name. No problem:
Type the name you know into the input gadget---AmigaWorld probably knows
it and shows you the data of the country, along with its new name.

Not all LANGUAGES spoken in a country are listed, but the most common ones.
Minority languages are usually mentioned if their speakers are a local
group. Not mentioned are the languages of other minorities that are scatt-
ered all over the country, like Turkish immigrants in many parts of Europe.
This is a bit unsatisfactory, but otherwise at least a dozen languages had
to be listed for most West European countries.

The same applies to RELIGIONGS: Not all are listed, but most. Usually the
percentages are provided in brackets, but these figures can only be clues.
They differ very much from source to source. For some countries you get a
total of more than 100%, for others less than 70%. This is no mistake but
due to the fact that some people belong to two religious communities,
others to none.

1.19 Population data

The NUMBER OF INHABITANTS is as up-to-data as possible, its ANNUAL GROWTH
is the average value for the last decade. The DENSITY is not very helpful
for some large countries, like Egypt: The Nile delta is one of the most
densely populated regions on Earth while the deserts are uninhabited.

The LIFE EXPECTANCY is the average value for women and men. The actual
figure for women is a few years more, for men a few years less.

The share of ILLITERATES is mostly taken from national authorities of a
country and therefore often too little: Even in the industrialized
countries of the West, there is a hidden illiteracy of a few percent.

The figure for the proportion of rural and URBAN POPULATION is problematic,
either: Different countries have different measuring methods for that one.

1.20   Economic data

The GRAND NATIONAL PRODUCT (GNP) is as up-to-date as possible, usually
taken from 1994. It is an indicator for the economic strength of a country
and composed of the overall production and service in that country, plus
money income from abroad, minus money transfer to foreign countries.

The ECONOMIC GROWTH is the percentage that the GNP has grown within a year.
This figure is quite instable and AmigaWorld would always be out of time if
using the value for one single year. Therefore the figure is an average
value for the past five years, not showing you the tendency an economy has
right now but its development during recent years.

The INFLATION varies even more throughout the years: AmigaWorld offers
the average for the past decade.

On the contrary the percentage of UNEMPLOYMENT is as up-to-date as possib-
le, usually it is the average value for a whole year, because unemployment
is subject to seasonal changes.

The unit for ENERGY CONSUMPTION is kilogramme oil units.

1.21   Maps

                    The map window has a little menu with the item "Description", ←
                       giving you
a
                    text
                     about the continent you are looking at.

At the moment there are only ten maps showing the location of a country.
Future versions will include maps that flexibly adjust to differnt screen
modes and provide more details, like cities, lakes, mountains and so on.

1.22   Description Texts

You can move in these texts not only with the proportional gadget,
but also with the cursor up-/down-keys. You can print out or save
the descriptions with a little menu.

The descriptions of the continents and most organizations I have written.
Ruud Hoekzema has helped with criticism and ideas, and he has included
some more organizations.

But the lion's share of this work had and still has Bo Arnholm who has
written the descriptions for all 258 countries and dependencies. Bo is
still improving these texts. If you like to help him: Read the letter
that he has written to you. The file is included in the same drawer as
this documentation.

And please notice that these descriptions are copyright by Bo Arnholm.
That means that you have to contact him first if you would like to

make any non-private use of them.

1.23   Warramty


```
                    Warranty
--------
```

I (Wolfgang Lug) guarantee all registered users that the program AmigaWorld
with all necessary files is delivered on undamaged diskettes.
Should a registered user obtain diskettes that do not fulfill this warranty
(hardware failure) then he or she will get a replacement for free by send-
ing the damaged material to me, within one month after delivery.

Away from that the program is provided "as is": The author will not be
liable for any damage, direct or indirect, arising from the use or the
impossibility of the use of this software. There is especially no guaran-
tee for the correctness, accuracy or validity of data. The author denies
any liability or tacit guarantee, especially that AmigaWorld is suitable
for a special purpose. The warranty is limited to the replacement of
defect diskettes.


```
                    Distribution
```


1.24   Distribution


```
                    Everybody is encouraged to spread the limited demo version of  ←
                    AmigaWorld,
  as long as he or she does not remove, add or change any of the files.
```

The
```
                    keyfile
                     obtained by registered users must not be given to other
```
persons. It would be no good idea anyway, because it contains the user's
name. Should you commit this heinous deed then I wish you that you
have to sit in front of a computer for the rest of your life!

1.25   The concept of SharWare


```
                    Especially among Amiga users, ShareWare is very popular. But what  ←
                       does
this word actually mean?
```

ShareWare differs from commercial software by the fact that you first
got the program, and then pay for it. Usually the user will receive an
updated version with more features due to paying the registration fee
to the author. But the limited versions of these products are
```
                    freely
                    distributable.
```

Many authors of ShareWare send a personal
                Keyfile
                 to the registered
users, making it possible for them to use all features of any future
versions of the software. If so, registered users never have to pay
for an update.

The advantage for the user is obvious: The user does not have to "buy
the cat in a sack" as we say in German---he can look at the cat before,
and check out if the program is worth its prize.

The advantage for the authors is a close communication with the users
of their products: Most people sending a registration fee also provide
criticism and ideas---AmigaWorld has been improved fairly often due to
such hints. And there would not be nine different languages available
if AW was a commercial product, either.

1.26 Registration

                AmigaWorld has been released as
                ShareWare
                . That means that you can test
the program and compare it with its competitors before you spend any money
for it.

If you like AmigaWorld, you should become a registered user: On one hand
Bo Arnholm and I receive a donation for our immense work; on the other
hand you have many advantages, too:
You will receive the latest version of the software, complete with the
latest data in as many languages as possible.

Please send DM 40,- (about US$ 28,-) to:

    Wolfgang Lug
    Engelberger Str. 41/209
    79106 Freiburg
    Germany

Please send cash (any currency) or eurocheques (DM). If you send other
cheques or bank drafts then my bank will keep most of the money! And feel
free to include a little bit more for postage if you live overseas.

Although AmigaWorld's great advantage is the relevance of its data to the
present, registering is a one-off investion, because you will never have
to pay for an update! For you have a
                keyfile
                .

Only if you are a registered user of a version older than 5.0, you have
to pay one last time for an
                update
                .

1.27   The keyfile-concept

```
                The only difference between the fully functional and the demo  ←
                    version of
AmigaWorld is a personal keyfile that contains the name of the owner.
Because it is not included in the demo version, AmigaWorld limits its
features there.

That means for you:  After once having
                registered
                 and received a keyfile
you will be able to use all features of any future AmigaWorld release that
you will find on a CD-ROM, in Aminet or somewhere else.
For you have the keyfile!
```

1.28   Updates for registered users of AW 1.0 to 4.41

```
I'm sorry that the keyfile was not implemented before version 5.0!
Therefore you have to pay once again if you'd like to have a new version
of AmigaWorld.  But is will definitely be the last time, because you
will then receive a keyfile, too. Please send DM 20,- to my new
address.
```

1.29   Translating AmigaWorld

```
Only continue to read if you are really tough!

For if you want to translate AmigaWorld into another language, you have to
cope with at least two files:  "aw.output" (250 lines of output messages)
and "aw.data" (many, many lines of country data).  Your task would be to
translate these files line after line!  An extremely boring, degrading and
badly (to be honest:  not at all) payed work!
If you like translating very much then you might of course also deal
with "aw.org" and "aw.cont" both containing pure text ...

If you want to translate AmigaWorld anyway:  Have a look at the files,
guess if you have enough time and courage and then---Do not start for
heaven's sake! Three French and two Italian translations are enough!
Write to me first:  Then I can tell you if a translation into your
language already exists.

By the way: FarawayEyes font does include the special chars of these
languages:  Czech, Hungarian, Polish, Romanian, Serbo-Croat, Slovak and
Turkish.  So AmigaWorld is ready for being translated into any of
these languages!  To get an impression how this works, please look at the
spelling of Romania's capital in the file ''English/aw.data'' as an example.

Last not least, translators have one advantage: They get their registration
fee back, and they always receive updates from me, as soon as a new version
is done---for the simple reason that new versions usually mean some new
lines in "aw.output" ...
```

1.30   A small request

Every new version of AmigaWorld is thoroughly tested before its release,
and severe bugs have rarely been found.
Should such a bug or even a complete crash of the system happen to you
then please write me which kind of hardware you use, and what exactly
happened. I will be very thankful for hints about wrong data, too!

Any comments and suggestions on AmigaWorld are welcome to
    lugwolfg@ruf.uni-freiburg.de (general)
    arnis@tripnet.se (country descriptions)

1.31   A big 'Dankeschön'

A real difficulty when saying "Thank you" to more than one person is choosing
an order! Who shall be mentioned first and who last?
This awful problem has been solved here by using order of appearance, as it
is done when listing the actors of a stage play -- and in fact, is AmigaWorld
anything else but a real good tragedy? If you would like to turn it into a
comedy then *please* become a registered user!

So, I would like to thank everybody who helped with ideas, critizism and
their work, especially:

  Alexander Linke
    who showed me what a good thing Modula-2 is:
    The AmigaWorld program has been written using this instruction code.

  Bo Arnholm
    for his translation to Swedish and for all his ideas, and of course for
    all the wonderful country descriptions that he has written during the last
    two years.

    If you would like to contact him for discussion his texts, or simply for
    sending him an extra donation: His address is

    Bo Arnholm -- Södermalmsgatan 13 -- 431 69 Mölndal -- Schweden
    email: arnis@tripnet.se

  Ruud Hoekzema
    for his Dutch translation and his improving the country data as well as
    the descriptions of continents and organizations, and for all his good
    ideas. Thank you also for giving home to one of the AmigaWorld homepages
    at the great server xs4all.

  Mika Leinonen
    for his translation to Finnish and for adding some dependencies,
    and also for providing the first web-address of the AmigaWorld
    homepage.

  Olivier Bogros und Yves Salingue
    who together have created the French translation of the program and the
    documentation, and for maintaining the files in such a brilliant way.

Dr. Guido Alfani
  who rendered AmigaWorld into Italian. As a political scientist (and
  therefore a colleague), he provided lots of tips for the organization
  descriptions.

Casper Thomsen
  for the Danish translation of AmigaWorld and for many good ideas on
  how to make AmigaWorld even better.

Bjarne Bjørnsen
  who translated AmigaWorld into Norwegian, making it possible for all
  North Europeans to use the program in their mother tongue.

Dave Travers
  who added many flags and improved the appearance of most of the old
  ones.

Lars Unger
  who designed and created the web pages of AmigaWorld, with a lot
  of work and enthusiasm.

I would also like to thank two other authors of non-commercial Amiga
software which was very helpful for creating AmigaWorld:

Jean-Michel Forgeas
  for his great "Az".
  After five years of using, this dinosaur still is my favourite editor,
  and most AmigaWorld data files have been written with it.

Thies Wellpott
  for his excellent "PlotMap". The outlines of the maps shown by
  AmigaWorld have originally been created with this software.

1.32   Keyboard commands

Most features of AmigaWorld can be accessed via keyboard, too:
The important menus have a shortcut, and the main window offers the
following key commands:

 * Cursor-up/down: Highlights a country and scrolls the entire list
    when the highlight bar comes to the top or end of the list.
    Use the cursor-keys in connection with Shift and Alt to move the
    whole list up and down.

 * Return: Calls up the country data for the highlighted country.

 * Space bar: Highlighting off / on again.

 * Escape: Closes any window except for the main window.

The search gadgets and the selection windows for continents and organizations
also provide full keyboard support:

Just hit the understroken letter with or without the Shift key.

1.33 Example

A little example will show you the capabilities of AmigaWorld for ←
comparing
data of different countries.
It describes how to compare the economic growth of the EU countries to the
growth of the East Asian nations.

 * Choose "Organization" from the "Selection" menu.
    A list of international organizations appears.

 * Click on the European Union.
    A description of the EU comes up. Read it or not, and close the window.

 * Now choose "Grand National Product / Growth" from the "Sort by" menu.
    You will see a list of the 15 EU members, beginning with the most
    booming economies.

 * By activating "Rank" and "Value" from the "Display menu" you
    can easily compare the figures for the EU countries.

 * Using "Calc Average" from the "Selection" menu will give you the
    average value.

 * Change the search mode to "include", and the search for-gadget to
    "location".

 * Type in "East Asia". This will produce a mixed list of the European
    Union and East Asia, still sorted by economic growth.

 * There is a little trick for using two different colours:
    Choose "Restore" from the "Selection menu" and "Compare" from
    the "Display" menu.

Please read also the sections about the
                menus
                 and the
                screen
                 that does
also provide detailed information about the search function.

                Contents

1.34 AmigaWorld on the WorldWideWeb

Since the end of 1996, AmigaWorld is also represented on the WorldWideWeb!
You cannot look at countries' data or have lists created online -- you have

got the program for that purpose, anyway. And it's cheaper to get informed
offline.

So, what is the aim and object of our homepage? You can stay up-to-date
with program development as new versions of AmigaWorld are announced on
the Web and can also be downloaded. What's best: You can download only
those parts that you really need. If you want the latest data files in
English, then you can get them and not a single more byte.

Lars Unger has designed and created the pages, and at the moment there
are two URLs that have been made available by Mika Leinonen and Ruud
Hoekzema.

        <http://stekt.oulu.fi/~mikal/amigaworld>   (in Finland)
        <http://www.xs4all.nl/~rhoek/amigaworld>   (in the Netherlands)

If you would like to know what else can be found on the site -- well,
have a look :-)