

# Documentation

**Mac-ProLi**

**Win-ProLi**

**Lin-ProLi**

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# 1 Introduction

During the last years I used a small AppleWorks database for the administration of my projects ("Mac-HaBu", "Win-HaBu", "Bambini"...). In this database I entered all descriptions of functions and errors, sorted by version and program. Also the current processing state was stored. So I had an overview of all versions and which functions were realized in which version. I also could see which errors were fixed in which version.

By many new versions and by the introduction of "Mac-MoVe" the version concept of the database became unmanageable. Thus I had to enter a new management concept in this database. Before I made a patchwork, I decided to make a large step and developed this application. It takes over the task of my AppleWorks database.

I think many other developers have the same problems and don't want to install a complete version tracking system. So I released this application as Freeware.

I use this program for my own projects every day. So I will add new features very quick. But I like to add ideas from other users, too. Please let me know your ideas.

**Manfred Richter**

**Author**

## 2 Notes

### 2.1 General notes

With usage of "Mac-ProLi", "Win-ProLi" or "Lin-ProLi" you accept the following conditions. This applies to the unregistered version, too.

- The usage of "Mac-ProLi", "Win-ProLi" or "Lin-ProLi" is free of charge. All rights are with MC Richter GbR.
- You are allowed to give the program to another person. But you have to give this person the original files, we provide on our web-server.
- Changes at the files (program, help texts, documentation...) are not allowed. The data must be changed by the original programs, only.
- The documentation is exclusive for the usage of "Mac-ProLi", "Win-ProLi" or "Lin-ProLi". Any other usage is forbidden.
- Leasing, Renting or something else like this is forbidden.
- Earlier license agreements are invalid with the release of this version.
- **The MC Richter GbR is not responsible for damages, which results direct or indirect from the usage of this software. This applies also to the statements made in the documentation.**

### 2.2 About the documentation

This program is offered for MacOS X, Windows and Linux. For Macintosh computer the program name is "Mac-ProLi". For Windows users, the program "Win-ProLi" is available. Linux users start the program "Lin-ProLi". All programs work in the same way. If there are differences, you find a description on the corresponding page in this documentation. All images in this documentation were made with the latest version of MacOS X. At the other operating systems they differ only insignificantly. All major changes since the last version of this documentation are marked.

This documentation is available as a PDF, as well as an online help. Both variations contain the same contents, nevertheless, are adapted to the representation form. All major changes since the last version of this documentation are marked (PDF only).

## 3 Installation

### 3.1 Requirements

"Mac-ProLi" is available on Macintosh computers - "Win-ProLi" on Windows computers and "Lin-ProLi" for Linux. Depending upon the used version, the minimum requirements are:

- **Macintosh:**
  - MacOS X 10.2
  - 64 MB main memory
  - 100 MB free space on hard disk
- **Windows:**
  - Windows 2000
  - 64 MB main memory
  - 100 MB free space on hard disk
- **Linux:**
  - x86-based Linux-Distribution (Ubuntu 6.06, SUSE Linux Enterprise Desktop 10, Red Hat Enterprise Linux 5...) with:
    - GTK+ 2.0 (or newer)
    - glibc-2.3 (or newer)
    - CUPS (Common UNIX Printing System)
    - libstdc++.so.5
  - 64 MB main memory
  - 100 MB free space on hard disk
  - 32 bit system

The processor speed and the disk space are only approximate values. The necessary disk space depends upon the number of projects / versions. More entries need more space on the disk.

The listed operating systems are minimum requirements. Normally "Mac-ProLi" ("Win-ProLi", "Lin-ProLi") works on all current operating systems. Unfortunately it is not possible to test all configurations. This applies especially to the different Linux distributions. If you have any problems, please contact me. I will try to solve the problem as soon as possible. Since I manage also my own projects with this program, I will adapt it to new version of the operating systems as soon as possible.

### 3.2 First installation

If you read this documentation, you already unpacked "Mac-ProLi" ("Lin-ProLi") or used the installer for "Win-ProLi". On Macintosh computers, you can create now an alias (Linux: Link) of the program on your desktop or any other place you want. This gives you a faster access to the program. On Windows the installer created a directory with all necessary files on your hard disk. Depending upon your operating system, you must start one of the following programs:

- Macintosh:    Mac-ProLi X.app
- Windows:     Win-ProLi.exe
- Linux:        Lin-ProLi.app

At the first start, you will be asked for a valid database. You have to create a new database in any folder (Windows / Linux: directory). For more details, please refer to chapter 4.1.

**Note:** Do not use any special characters in the path or database name. This can lead to problems on some operating systems.

### 3.3 Usage on several computers

This program is designed as a workstation version and is optimized for this usage. Nevertheless there are two different ways to use it on several computers. Both procedures have their pro and cons. Therefore each user must decide which procedure is better suitable for him.

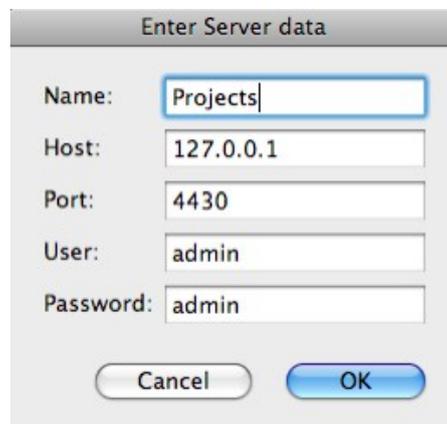
#### 3.3.1 Database-Server

You can use a database-server instead of a local file. With the help of this server, several installations of this program can use the database.

Today we support only the "REAL SQL-Server" (<http://www.realsoftware.com>), because it contains the same database engine as we use for the local file. So it is very easy to switch between the local file and the database-server.

There are two ways to create the database on the server. If there is already a local file, you can upload it with the administration tool of the "REAL SQL-Server". There exists the command "Upload Database" in the menu "Database". If there is no local database file, you must create the database with the administration tool. This program creates the necessary tables in the next step, automatic.

After creating the database, you must tell this program to use the database from the server in the future. If this program was used with the local database before, you must select the menu point "Server" from "File". If you uploaded an existing database, you can use the point "Open". Is there only the database, without tables available, you must select "New". In both cases you get the following dialog:



| Field    | Value     |
|----------|-----------|
| Name     | Projects  |
| Host     | 127.0.0.1 |
| Port     | 4430      |
| User     | admin     |
| Password | admin     |

**Image 1: Enter server data**

- **Name**  
Name of the database.
- **Host**  
TCP/IP address of the database-server.
- **Port**  
At the SQL server entered port (standard: 4430).
- **User**  
At the SQL server for the database entered username.
- **Password**  
For above user at the SQL server entered password.

After entering the data and pressing "OK" the connection to the server will be established. If you selected "New", all tables will be created, now. After that, you can enter and modify data with this program, as usual.

**Note:** The integrated functions for backup cannot be used. The backup must be done by the database-server.

Only the "REAL SQL-Server" (<http://www.realsoftware.com>) is supported.

Only experienced users should use this concept.

For each instance of this program an own user must exist on the database-server. If two instances use the same user, you may loose data.

Two persons must not edit the same entry at the same time.

### 3.3.2 Semaphore

With this procedure, the database file must be synchronized between all included computers. The synchronization can be done by an external program - or direct with this program. The advantage of this concept is that you don't need a special database-server. In many cases this might be cheaper and more comfortable.

**Note:** Since this procedure requires no additional software, it should be preferred. If you think later, that a database server is better, you can switch always.

To avoid the usage by two persons at the same time, so called semaphore are implemented. For the usage, a file server, which can be accessed by all involved computers, is necessary. This file server can be used to synchronize the database file, too. Alternatively, you can use external programs ([Synchronize](#), rsync...) to synchronize the database file.

For the configuration, the text file

- Mac-ProLi Sema.txt      Macintosh
- Win-ProLi Sema.txt      Windows
- Lin-ProLi Sema.txt      Linux

must exist on every computer, which is included in this concept. This file must be in the same folder as the program. The file must include the following lines:

- Volume Name
- User Name
- User Password
- Complete path of semaphore file
- Complete path of database file on the server

If the first three lines are not empty, an Apple Share Server (AFP) will be mounted and unmounted. This works only with MacOS X, because the UNIX command "mount\_afp" is used. For the activation, the volume name, username and the password from the file will pass to the command. Should no server be activated, the first three lines must be empty. The fourth line contains the name and complete path of the semaphore-file on the server. If the fifth line is not empty, this program synchronizes the database file with the given file on the server.

The file "Mac-MoVe (Sema.txt)" (Macintosh) may have, for example, the following content:

```
192.168.1.1/BackupServer
Manfred Richter
Passwort
Richters Server:MacProLiSema
Richters Server:Projects.rsd
```

By every start and end of the program the semaphore-file is examined and written with actual values. By this, it can be guaranteed that always the current actual version of the database will be used. If the fifth line (path of database file on the server) is used, this program compares the local and server database file by every program start. If the server version is newer, it will be copied to the local database. When quitting this program, the database file is copied to the server, again. The result is that there is always the latest version on the server.

**Note:** Only experienced users should use this concept.

The activation and deactivation works only with Apple Share Servers (AFP) under MacOS X.

Even if a server was already activated, it will be deactivated.

If the file server with the semaphore-file is not available, you can work with this program, too. In this case you must check that no other person works with this program and that the database is up to date.

## 4 First steps

In chapter 3 we installed "Mac-ProLi" ("Win-ProLi", "Lin-ProLi"). Now we must customize it. Afterwards we enter the first projects.

### 4.1 Starting of the program

Depending on the operation system, we have to start one of the following programs:

- Macintosh: Mac-ProLi X.app
- Windows: Win-ProLi.exe
- Linux: Lin-ProLi.app

This program stores all data in a single database, which can be located on any storage medium (e.g. hard disk). The location will be stored in a so-called preference file. If the database cannot be opened by the value in the preference file, the following dialog appears:

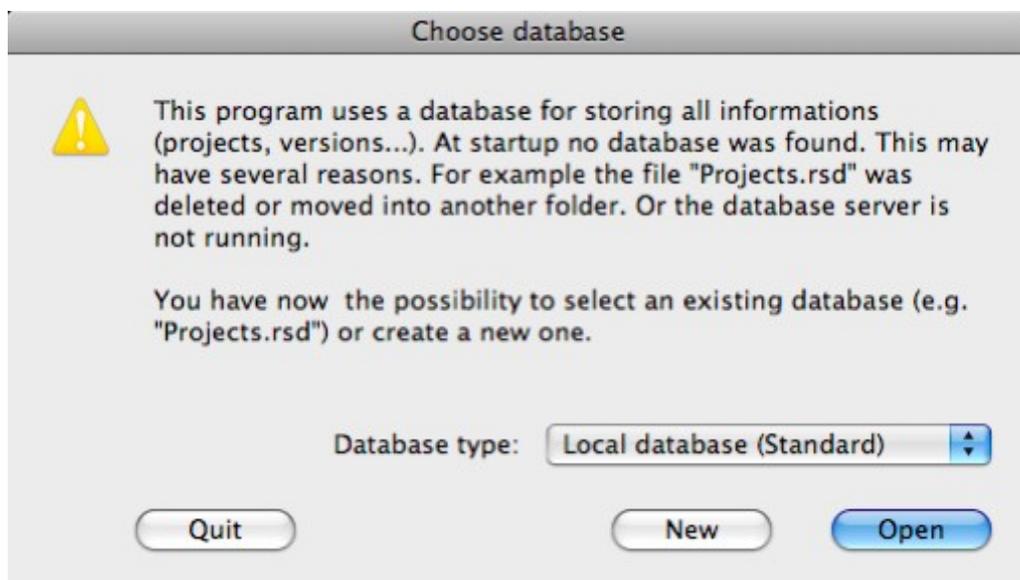


Image 2: Choose database

The Buttons has the following meaning:

- **Database type**  
You can store all data in a local file or on a database-server. Normally you should use a local file, so you don't need an additional server.
- **Exit**  
"Mac-ProLi" ("Win-ProLi", "Lin-ProLi") will be terminated immediately. This function is useful, if the database is not available for a short time. As soon as the problem (for example a deactivated drive) is fixed, the program can be started again.
- **New**  
After choosing a file with the files dialog, a new database will be created. A suggestion for the database is "Projects.rsd". But all other valid file name can be used, too.
- **Choose**  
If the database was moved or renamed, this program can't find it any more. Even if the preference file was deleted, this dialog will appear. With this Button you choose the actual database. The new access path is stored in the preference file.

After the **first start** of this program, you must press the Button "New" to create a new database. A suggestion for the database is "Projects.rsd". But all other valid file names can be used, too.

**Note:** Special characters should not be used in the file name and path. Each operating system has different restrictions about special characters.

If you use Linux the dialogs may be shown not good. Therefore, a wizard start after the creation of the database. With it you can optimize the layout. Of course, you can correct the settings in the preferences (see chapter 4.2.1) at every time.

## 4.2 Preferences

Before entering project information, it is necessary to look to the preferences. If some changes are made later, you may lose project data. You open the preferences with the menu point "Preferences" from the menu "Mac-ProLi" (Windows: "Options" from "Edit"). This dialog divides into two parts:

### 4.2.1 General

Here, you find general options for this program:

- **Font / Size (Monitor)**  
With these two popup-menus you set the font and size for the lists. In the popup-menu "Font" all existing fonts from the system are shown. The font "System" stands thereby for the font of the operating system.
- **Colored background lines**  
If this option is selected, each second line in the lists gets a colored background. You define the color with a click on the colored box. The color of the box will be used for the background. Depending upon the operating system, a window opens for the selection of the color. To save costs, the colored background will not be printed.
- **Use three-dimensional lines (like iApps)**  
If this option is active, the marked line gets a three-dimensional effect.
- **Font / Size (Printer)**  
With these two popup-menus you set the font and size for the printout. In the popup-menu "Font" all existing fonts from the system are shown.
- **Dialogs (Linux)**  
With the different Linux distributions the fonts and sizes vary very much. In addition, there are different GUIs (Gnome, KDE), which displays the controls (Button, popup-menus...) different. To give you the best presentation on all distributions and GUIs, the appearance can be entered here. With the first two popup-menus you select the font and size for all texts (except lists). With "Text field" the height of the input fields is entered. In the same way, you enter with "Controls" the height of all Buttons and popup-menus.

**Note:** The settings are taken over after opening a window, only.

- **Date**  
Here you enter the format for date fields.
- **Redirect print output to a PDF file**  
With activated option, all printouts will be redirected to a PDF-file. You enter in a special dialog all necessary parameter (paper size, orientation, font, size...). Because of this, the output may differ from a direct printout.

**Note:** On some Linux systems the printout may be bad. The problem comes from a problem in the used framework, which we can't solve. With the option to print into a PDF file this problem is solved.

Only the fonts from the PDF dialog can be used.

Beside the permanent output into a PDF file, you are able to export most outputs with an export function (see chapter 5.1.7.6)

- **Direct usage of CUPS for printing (Linux only)**

Above mentioned problems with the printing under Linux could be solved with option, too. The advantage of this option is that no external application is necessary. With activated option an image file will be written and printed with the help of the command "lpr". Instead of the standard printer dialog an optimized printer dialog will be shown. In this you can enter the paper format and the resolution. The resulting values of the border and dimension are shown in the dialog and can be changed. In the last two fields, you see the commands to print the image and remove it after printing. In both commands the value "^1" stands for the paper format and "^2" for the path of the image. Maybe you want to change the command for some special purposes (e.g. printer). All values are stored, so you don't need to change it the next time.

- **Store changes automatic when going to next page**

You can go in an edit dialog directly to another entry. Changes in the leaving entry must be saved. If this option is activated, changes will be saved without a hazard-dialog. With deactivated option you get a hazard-dialog, where you can choose to save the changes - or not.

## 4.2.2 Categories

With categories, you manage your projects. Up to five levels can be used. The idea behind this technique is a tree whose trunk is on the left side. Accordingly, the branches are on the right side. **When you create a new database, an example will be created for you.** This can be changed for your projects in an easy way. The following figure shows the dialog to manage the categories:

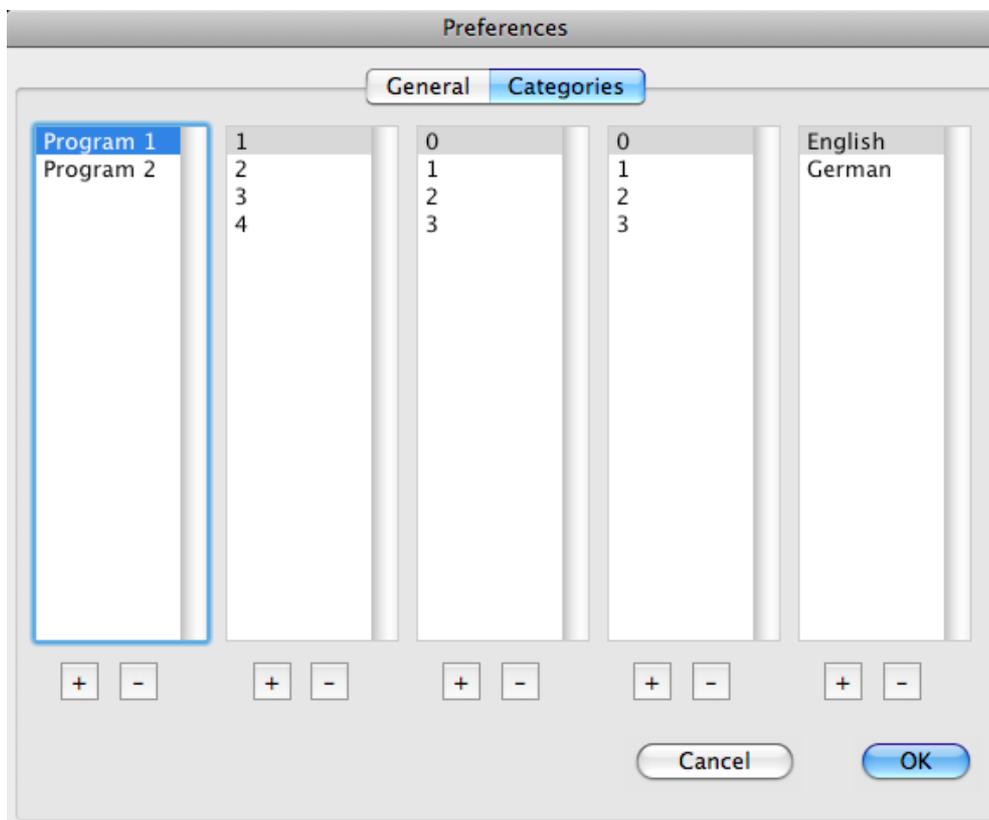


Image 3: Categories

The idea behind these categories is that you enter the projects (e.g. "Mac-HaBu") in the first list. Then one can enter the main version for each project in the second list. After this follow the minor versions in the next columns. I use the item "New" for new functions. With implementation of the function I change the version from "New" to the correct version number. Of course, you can use this in any other way.

For renaming, you click on the appropriate text. Then one can change it, like every other text field. If an entry already exists, all concerned projects/versions are updated automatically. If you like to remove an entry, you must mark the appropriate field and press the "-" -Button underneath the appropriate list. The entry and possibly existing version below (right of the current list) are deleted. For adding an entry, you must use the Button "+" underneath the appropriate list. The new entry gets automatically the name "New". It can be re-named, as described above. If an entry was marked before you press the Button "+", all elements under the marked one are copied to the new one.

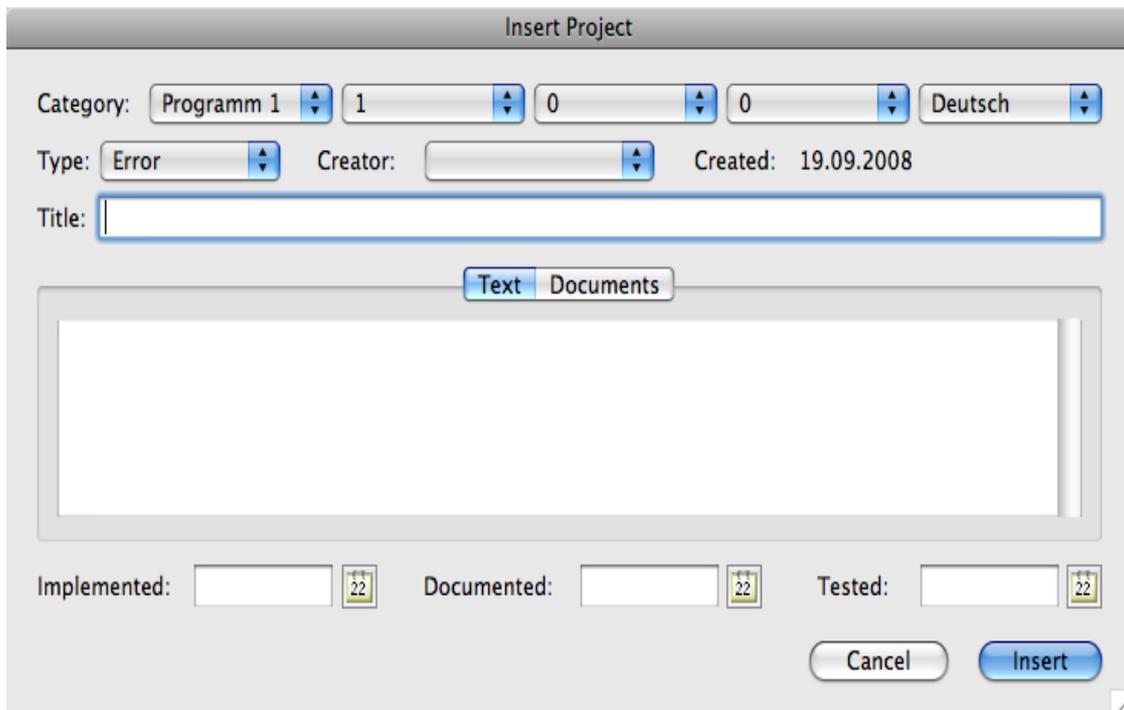
**Note:** If an entry was marked before you press the Button "+", all elements under the marked one are copied to the new one.

You can open this dialog from the dialog to edit projects, too.

The usage of the categories gives you a maximum of flexibility for managing projects.

### 4.3 Insert new functions and errors

After all preferences are done, the first functions or errors can be entered. Therefore you press the Button "Insert" in the empty main list. The following dialog opens:



**Image 4: Insert projects**

Here, you choose the appropriate project and version with the five popup-menus in the first line. Thereafter one selects whether it concerns an error or a feature. In the next field you can select the creator of the entry. Before selecting an entry, you must define the possible authors. Therefore you select the point "Change menu" from the popup-menu. Here, you can enter up to 9 names. After entering at least one creator you can select it with the popup-menu. In the field "Created:" you see the date this entry was entered. Into the fields "Title" one enters a title of the error or the function.

The following part is divided into two card. The first one contains a text field for the description. With the second card, you attach documents. The following document types are available:

- **URL**  
With this type a URL of a web page is stored. Beside the real URL a describing text can be entered.
- **File**  
Like an URL a link to a local file is added here. In the database only the link is stored, so the original file must exist furthermore. You must not move or rename the original file.
- **Notice**  
Here, you add a notice.

The values shown in the list ("Title", "Text") can be edited by a click on the corresponding value. To view the stored information, press the Button "Open". According to the type of the information different actions are necessary:

- **URL**  
An URL is shown in the default browser.
- **File**  
A file will be opened by the program, associated in the operating system.
- **Notice**  
The notice will be shown in the same dialog, you used for entering it. All values of it can be changed.

All elements can be added by Drag'n Drop, too. While adding text, the application recognizes URLs and adds the text as an URL, if it is one. Otherwise it adds a notice. Finally, every element can be removed from the list with the Button "Delete".

The following three date fields indicate the progress state. Here the date should be entered, at which the respective work was successfully done. If a step (implemented, documented) was skipped, it will be entered during the input of the next step, automatically. With these date fields you have the possibility to use a popup dialog for entering the date, too. The popup dialog can be opened by clicking on the calendar symbol on the right side of the text field. Afterwards a dialog opens, in which you can select the date with the mouse. Alternatively you are able to use the command-key (Windows / Linux: Control) and the arrow keys (Up / Down) to enter the date.

All inputs are checked as far as possible for plausibility. Fields, who contains incorrect values, gets a red background. These must be corrected before you can press the OK Button.

## 4.4 Main list

After a function or an error was entered (see chapter 4.3), it appears in the main list. Here all fields are shown. In most cases you don't need all columns. Therefore one can change the width of each column individually. To do this, one moves the mouse cursor in the column title between two columns. The cursor changes its shape and you can change the size of one column. If you don't want to see a column, you can change its size to zero.

One can reduce this list with the fields in the upper half of the dialog. For the date fields (implemented, documented, tested) there are three states of the respective popup-menu. An empty entry does not have an influence on the selection. The status "Open" shows only entries, which has no date. Accordingly the status "Done" shows only entries, which has a date. With the five popup-menus of the category one can limit the selection to projects and versions.

Sometimes a function or an error message must be processed in several versions or projects. Then you can copy an entry with the Button "Copy". The duplicated entry can then be changed for the second version (or error message). Often you must change the state of an entry, but don't need to update the text. For this situa-

tion, you can change the state of the marked entry with the right Button. The date for this state gets the current date.

Of course, this list can be sorted according to each column, too.

## 5 All menus

### 5.1 File

#### 5.1.1 Local database

##### 5.1.1.1 New

Normally, with the first start of the program (see chapter 4.1) a new database was created. In this, all data, also several projects can be stored. If you need, for some reasons another local database, you need this menu point. After selection, the standard dialog for saving files opens. Here one selects the path and name of the new database. Both will be stored in the preference file, so that it can be used during the next program start. The new database contains example values for the categories. These must be adapted, as in chapter 4.3 described.

**Note:** This function is only in special situations necessary.

##### 5.1.1.2 Open

With this menu point you switch to another local database. The last active database will be closed and the selected one will open. The new database is used during the next program start.

**Note:** This function is only in special situations necessary.

#### 5.1.2 Server

##### 5.1.2.1 New

If you want to use a database-server, you can create with this point the necessary tables in the database. You find more information about the usage of a database-server in chapter 3.3.1.

**Note:** This function is only in special situations necessary.

##### 5.1.2.2 Open

With this menu point you switch to another database on the database-server. The last active database will be closed and the selected one will open. The new database is used during the next program start.

**Note:** This function is only in special situations necessary.

#### 5.1.3 Close

With this menu point you close a window, which has a close box. The main window, which is always visible, cannot be closed with this point.

#### 5.1.4 Page setup

Hereby you open the dialog for changing the paper format. The appearance differs, depending upon printer model and operating system.

**Note:** Linux integrates the functions of the page setup in the printer dialog. Therefore this point is not available.

### 5.1.5 Print

You can print all lists with this menu point. Before you can print a list, you have to open it on the screen. The column size of the printed list depends on the column size on the monitor.

**Note:** If the columns are too small, you should use the landscape format or a smaller size of the font (see chapter 4.2.1).

### 5.1.6 Reorganize

With this menu point the database will be tested, reindexed and compacted. If many records were deleted, the size of the database file can be reduced significant.

### 5.1.7 Export

All lists and reports can be exported into a file (HTML, XML, text or PDF), an Excel-sheet or the clipboard.

**Note:** Exported files may differ from files, which can be imported.

#### 5.1.7.1 Text-File

With this point you export the list into a file. After opening, you must select the target file with the standard file dialog. After confirmation, the selected list will be exported. For the separation of the columns the tabulator character is used.

#### 5.1.7.2 XML-File

Like the export into a text file, you can export the list into an XML-file, too. The values will not be in list form, but as XML tags. Another program, with an XML-Interpreter, can import these data. The tag names of each column correspond to the heading name in the dialog.

**Note:** Because tag names must not contain special characters, these are suppressed during the export.

#### 5.1.7.3 Excel

With this function, the active list will hand over to "Excel". The values of the appropriate list will be entered thereby directly into a new sheet. For the usage of this function, "Excel" must be installed on the computer. Under Windows, the OLE interface is used for the communication with Excel. On the Macintosh, AppleEvents are used.

**Note:** With the first call of the function, you may get a list with different applications (only Macintosh). In this case the Macintosh could not find "Excel". Please select in this list your current installation of "Excel". With the second call of the function this list doesn't appear any more.

This function is not available under Linux.

#### 5.1.7.4 Clipboard

With this function the active list will be copied into the clipboard. Most spreadsheet application can insert the clipboard into an open table.

**Note:** After exporting the values in this program, you must insert them in the spreadsheet application.

You can use other applications, too.

### 5.1.7.5 HTML

This function creates an HTML file with contents of the current list. The export works like the export into a text file. The data are formatted in such a way that an HTML Browser can display it.

### 5.1.7.6 PDF

With this menu point the active list or graphic is exported in a PDF file. After selection of this function a dialog appears where you enter the necessary parameters (paper size, orientation, font, size ...). The appearance may differ from a direct print out.

**Note:** On some Linux systems the printout may be bad. The problem comes from a problem in the used framework, which we can't solve. With the option to print into a PDF file this problem is solved.

Only the fonts from the PDF dialog can be used.

With activated option "Redirect print output to a PDF file" (see chapter 4.2.1) this function will be used for all prints.

## 5.1.8 Import

Project data can be imported from a file (text or XML) or an open "Excel" sheet. From most spreadsheet applications, you can transfer the values via the clipboard, too. During the import, the same rules are used, as with a manual input.

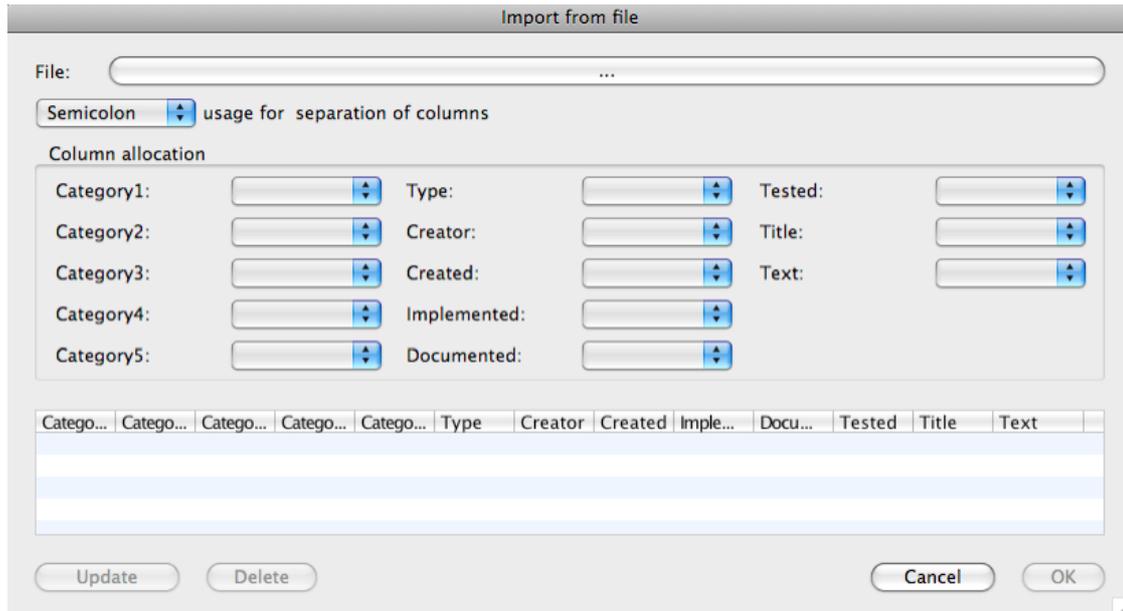
**Note:** This program checks the import for known errors. Nevertheless it is not possible to exclude all possible errors. Therefore you should make a backup of the database before you start the import.

In many cases the errors do not arise in the first lines. Examine therefore the complete list for possible errors, please.

### 5.1.8.1 Text-File

With this menu point you import project data from a flat text files. The individual fields in the dialog have therefore always a correspondence in the import file.

After opening you see to the following dialog:



**Image 5: Import from File**

- **File**  
First; you must select the import file with the Button "File". This can be each text file with appropriate values. After selection of the file, the file name appears instead of "..." in the Button. While opening the file, a preview will be created. In most cases you will see fields with a red background. This is a sign, that there is an error in the import file or the allocation. In the next step you must change the value in the import file or the allocation. Only if there are no fields with a red background you can import the file.
- **...usage for separation of columns**  
With this popup-menu, you select the separator between the columns of the import file. After a change of the separator, you must refresh the preview with the Button "Update".
- **Column allocation**  
Within this area, all columns of the list are shown. With the popup-menu right from each column title you select the column in the import file. To rebuild the preview, you must press the Button "Update".
- **Update**  
You can correct and store the import file again with another program while this dialog is open. To update such changes in the preview, this Button must be pressed. This function is very helpful to eliminate errors in the import file.
- **Delete**  
With this Button you delete a line from the preview. This line will not be imported any more. But the original file will not be changed. Therefore the line appears again, if you press the Button "Update".
- **OK**  
You can start an import only, if there are no errors in the preview. The import cannot be canceled. The imported dates appear in the current list.

### 5.1.8.2 XML-File

The import of an XML-File is similar to the import from a text file. The data must be in the XML format, defined by this program (see chapter 5.1.7.2). This dialog is like the dialog to open text files. Only the pop-up menus to assign the columns don't exist. The assignment is done by the tag name of each column in the file

and the heading name of the list. The further treatment is the same as with the import from a text file (see chapter 5.1.8.1).

### **5.1.8.3 Excel**

The import from Excel is similar to the import from a file. But the data to import must be in an open Excel sheet, instead of a text file. The data will be read until the first line without values. With the call of this function a dialog opens, similar to that to import from a file. Only the Button for the selection of a file and the popup-menu for the selection of the column separator are not available. The further treatment is the same as with the import from a file (see chapter 5.1.8.1). Under Windows, the OLE interface is used for the communication with Excel. On the Macintosh, AppleEvents are used.

**Note:** With the first call of the function, you may get a list with different applications (only Macintosh). In this case the Macintosh could not find "Excel". Please select in this list your current installation of "Excel". With the second call of the function this list doesn't appear any more.

This function is not available under Linux.

### **5.1.8.4 Clipboard**

If you use another spreadsheet application then Excel, you can use the clipboard to import values into this program. Therefore you mark the area, you want to import into the spreadsheet application, first. Then you copy the selection into the clipboard. After that, you start this menu point. While opening, the clipboard will be analyzed inserted into the list. With "Update" this step will be done, again. The further operation does not differ from the import from Excel (see chapter 5.1.8.3).

**Note:** The values must be available in the clipboard, before you start this function.

## **5.1.9 Quit**

Hereby you quit the program. All changes will be saved automatically.

## **5.2 Edit**

### **5.2.1 Cut**

This point is in all dialogs active. You can copy and delete the selected text into the clipboard.

### **5.2.2 Copy**

This point is in all dialogs active. You can copy the selected text into the clipboard. In lists the selected line is copied into the clipboard. The columns are separated by a semicolon.

### **5.2.3 Paste**

This point is in all dialogs active. If there is a text in the clipboard, it is copied into the text field.

### **5.2.4 Delete**

In some lists, there is a Button "Delete". If it is active, you can delete the selected data alternatively with this point.

### 5.2.5 Select All

With this point, you select all lines of a list.

### 5.2.6 Find

In the main list you can search for text. The dialog looks as follows:



**Image 6: Find**

With the left popup-menu you select the column, in which you want to search. If you like to search in all columns of the list, you must select the first entry ("All Columns"). With the middle selection you specify the search type. There are the following options:

- Contains
- Is like
- Starts with
- Ends with

The search is done by comparing the two texts. Also numbers are interpreted as text. In the text field you enter the searched text. With "Find" the search is started in the first line of the list. If in the active list an element can be selected, and the search is successful, the result is selected. If no element can be selected, the list is scrolled to the appropriate line, without selecting it.

### 5.2.7 Find again

With this function you can search for the next line in the list. Before you can use this function, you have to use the menu point "Find", to find the first line. If this function reaches the end of the list, you will hear an alert sound. The next call starts at the top of the list, again.

### 5.2.8 Preferences

Before the beginning of your work, you must configure this program in the preferences. Some points can't be changed without lost of data. You open the preferences with the menu point "Preferences" from the menu "Mac-ProLi" (Windows / Linux: "Options" from "Edit").

You find a detailed description of all points in chapter 4.2.

## 5.3 Graphic

This program offers the possibility to show the entered dates with a graphic. The number of the respective entries over the time is shown. As a selection criterion serves the value in the corresponding field (created, implemented, documented and tested). Of course you can select the dates, as in the main list.

## 5.4 Other

Depending upon the operating system, you find the following menu points in:

- "Mac-ProLi"-Menu (MacOS X)
- Help (MacOS X / Linux)
- "?"-Menu (Windows)

Not all menus are on all operating systems available.

### 5.4.1 About Mac-ProLi / Win-ProLi / Lin-ProLi

This point opens a dialog with the version number and manufacturer.

### 5.4.2 MC Richter GbR on the Web

Hereby you start the standard web browser with the web page of [MC Richter GbR](#). There you find more information about "Mac-ProLi", "Win-ProLi", "Lin-ProLi" and the other products of [MC Richter GbR](#).

### 5.4.3 Mail to MC Richter GbR

With this point you open a new [mail to MC Richter GbR](#) in your standard mail program.

### 5.4.4 Mac-ProLi / Win-ProLi / Lin-ProLi on the Web

Hereby you start the standard web browser with the web page of "Mac-ProLi" ("Win-ProLi", "Lin-ProLi"). There you find more information about "Mac-ProLi", "Win-ProLi", "Lin-ProLi" and the other products of [MC Richter GbR](#).

### 5.4.5 Forum of MC Richter GbR

In this [forum](#) you find additional information about our products. It is only in German language available.

### 5.4.6 Mac-ProLi / Win-ProLi / Lin-ProLi Help

With the point ("Help") you start the online manual. This contains the complete manual, like the one in the Adobe Acrobat file (PDF) format.

## 6 Files

This program is available for MacOS X, Windows and Linux. Resulting from this, not all of the following files are necessary.

- **Mac-ProLi X.app**  
This file contains the program for MacOS X.
- **Win-ProLi.exe**  
This file contains the Windows version.
- **Win-ProLi Libs**  
This folder contains additional libraries for the execution of "Win ProLi". It must not be deleted or moved. For "Mac ProLi" and "Lin ProLi" it is not required.
- **Lin-ProLi.app**  
Linux users start this application.
- **Documentation.pdf**  
This file contains the documentation as Adobe Portable Document File (PDF). It can be read and printed for example with the program "Adobe Acrobat Reader". It is not necessary for the program execution.
- **Projects.rsd**  
This is the name of the database, which is suggested in the file dialog. You can move this file into every other folder. After moving the file and starting the program you are asked for the current folder. The same applies, if you change the name of the database.

**Note:** If you use "Mac-ProLi", "Win-ProLi" or "Lin-ProLi" on different computers, you must copy this file to the other computer. Please pay attention to use always the newest version of the file.

The database can be used by "Mac-ProLi", "Win-ProLi" and "Lin-ProLi" without any conversation.

With version 1.2 the database engine was changed. This results in a conversion of the database (e.g. Projects.vdb). Also the extension was changed from "\*.vdb" to "\*.rsd". For your security, the old database file with the extension "\*.vdb" will not be deleted automatic. "Lin-ProLi" can't convert an existing database with the extension "\*.vdb" into the current format. Please use "Mac-ProLi" or "Win-ProLi" for the conversation.

- **Mac-ProLi (Pref.) / Win-ProLi.ini / Lin-ProLi.ini**  
The file "Mac-ProLi (Pref.)" is used by MacOS X. It is placed in the so-called Preference folder. Alternatively it can be put into the program folder. On Windows it ("Win-ProLi.ini") is placed in the Windows directory, or in the user directory. This depends on the used version of the operating system. Linux stores this file ("Lin-ProLi.ini") in the user directory. If the file was deleted, you are asked during the next program start for the path of the database file. Thereby no data are lost.
- **MacProLiLog.txt / WinProLiLog.txt / LinProLiLog.txt**  
This file is created during each program start in the same folder as "Mac-ProLi (Pref.)" / "Win-ProLi.ini" / "Lin-ProLi.ini". It contains information for debugging and will be recreated by every program start. If an error occurs, I can read important information from this file.
- **Help.vv**  
This file contains the online manual. If the file doesn't exist, this manual cannot be used.

## 7 Versions

In the last versions the following important functions were implemented:

- **Version 1.0**
  - **First Version**

This is the first public version. I use it for all my projects. With the help of the import function I imported all entries from my old AppleWorks database.
- **Version 1.1**
  - **Copy**

You can duplicate an entry, now. This is helpfully if an entry is valid for several projects.
  - **Set date automatic**

Previous steps are set now automatic, when a following step is entered.
  - **XML Export and Import**

Data can be exported to XML-files and imported from XML-files.
- **Version 1.2**
  - **Change of the database engine**

For the preparation to universal application (for Intel Macs) the database engine was changed.
  - **Optimization of dialogs for windows**

The dialogs were optimized for windows.
  - **Graphical overview**

A graphic overview of each step (created, implemented, documented, tested) was implemented.
- **Version 1.3**
  - **Universal Binary**

This version is available as Universal Binary for Macintosh with Intel processors.
  - **Linux**

This version ("Lin-ProLi") is available for Linux systems like Suse and Ubuntu. The database is compatible with the versions for Macintosh and Windows.
- **Version 1.4**
  - **Behavior of lists**

The behavior of lists was optimized.
- **Version 1.5**
  - **REAL SQL Servers**

This program supports now the "REAL SQL-Server".
  - **HTML export**

You can export each list as an HTML file, now.
- **Version 1.6**
  - **Synchronization of the database file**

When using semaphore, you can synchronize the database file, too.
- **Version 1.7**
  - **Import and export via clipboard**

Beside Excel, and text files, you can use the clipboard to transfer values from and to lists.
  - **PDF**

Permanent or individual output of all outputs to a PDF file.

- **Version 1.8**
  - **Change date with arrow keys**

You can use the arrow keys together with the command key (Windows / Linux: Control) to enter the date.
  - **Delete entry with the Delete key**

You can use the delete key to remove an entry, too.
  - **Modify categories from edit dialog**

You can open the dialog to modify categories from the edit dialog, too.
  - **Documents**

You are able to attach documents, now.
- **Version 1.9**
  - **Select multiple lines**

You can select multiple lines of a list, now.
  - **Wizard for dialogs**

To optimize the display of elements within dialogs under Linux, a special wizard is available.
  - **Date format**

Because there were problems with "exotic" date formats in the operating system, now this is defined in the preferences.
  - **Printing of lists**

Instead of adapting the complete list to the sheet width, now the column width in the dialog is used.

## 8 Registration

This program is Freeware. It may be copied by everyone and used free of charge. However copy always the original version together with this documentation.

## 9 Contact

If you have suggestions for this program, any errors found or other questions, please contact us.

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