

# **ProMeter**

Protec/Mirage

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COLLABORATORS

	TITLE : ProMeter		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY	Protec/Mirage	July 26, 2024	

REVISION HISTORY

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# Chapter 1

## ProMeter

### 1.1 ProMeter

ProMeter V1.2 ©1993–1994 by Protec/Mirage  
archived on 10 April 1994

PD notice  
Copyrights  
Introduction  
Requirements  
Installation  
Usage  
History

### 1.2 pdnote

PD notice

ProMeter is public domain, which means this program may be freely distributed. It is not allowed to sell ProMeter (for more than the usual amount of money asked for a PD disk) unless there is an agreement with me. Of course gifts in the form of money, own made software, Beavis&Butthead samples or anything else are always welcome and appreciated.

Send bug reports/suggestions/gifts to:

Protec/Mirage  
Transvaalplein 37  
5021 TD Tilburg  
The Netherlands

### 1.3 copyrights

ProMeter Copyright Notices

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ProMeter V1.2  
Copyright © 1993-1994 by Protec/Mirage (E.v.Berkel).

ProMeter makes use of the Reqtools.library,  
This library is copyright 1991-94 by Nico François.

## 1.4 introduction

### Introduction

Prometer is a little program to graphically show the current memory-usage. It can be used to calculate the difference of free memory between two times. This can come handy when debugging a program to test for memory-losses.

## 1.5 requirements

### Requirements

To run ProMeter you need:

- Kickstart V2.04 or greater.
- reqtools.library (Copyright by Nico François)

## 1.6 installwb

### Installation using the Workbench

Just copy ProMeter and it's icon to the directory you want and copy the Reqtools.library to LIBS:. If you are using MagicWB, you can also copy ProMeter-MWB.icon over ProMeter.info.

## 1.7 usage

### Usage

Doubleclick the ProMeter-icon to start ProMeter. A window will appear on your workbench screen. This is the mainwindow and contains the following items:

### Gadgets

C

F

Remember

Difference

---

#### Pulldown menus

```
Project      Settings
Iconify
Show kilobytes
About...
Select Color...
Quit
Select Danger Color...
                Jump to next screen
                Save Settings
```

Most menu-items have a shortcut key connected to it for faster access.

## 1.8 c-gadget

#### C-gadget

When this gadget is selected, some information about FAST-memory will be displayed in the menu-bar. If the Show Kilobytes option is selected, the values will be displayed in kilobytes otherwise in bytes.

The information looks like:

```
CHIPMEM - Maximum: xxxx Used: xxxx Free: xxxx
```

## 1.9 f-gadget

#### F-gadget

When this gadget is selected, some information about CHIP-memory will be displayed in the menu-bar. If the Show Kilobytes option is selected, the values will be displayed in kilobytes otherwise in bytes.

The information looks like:

```
FASTMEM - Maximum: xxxx Used: xxxx Free: xxxx
```

## 1.10 memoryindicators

#### Memory Indicators

There are two indicators in ProMeter's window. The upper one is for CHIP memory and the lower one for FAST memory. The indicator will be drawn in a different color when you are low on memory. The colours in which the indicators are drawn can be selected with the menu-options Select Color and Select Danger Color.

---

## 1.11 remember

### Remember-gadget

When this gadget is selected the currently free CHIP- and FAST-memory will be stored. In the titlebar will appear:

Remembering: CHIPMEM    Free: xxxx    FASTMEM    Free: xxxx

## 1.12 difference

### Difference-gadget

When this gadget is selected the currently free CHIP- and FAST-memory will be subtracted from the values which were stored with the remember-gadget. The result will be negative if some memory is allocated in the meanwhile

In the titlebar will appear:

Difference: CHIPMEM    Gained: xxxx    FASTMEM    Gained: xxxx

## 1.13 iconify

### Iconify

This function closes the window and puts an icon on the Workbench. When the icon is double-clicked the window will be opened again.

## 1.14 about

### About

This function shows some very important information.

## 1.15 quit

### Quit

When you select this, you will immediately leave ProMeter.

## 1.16 kilobytes

### Show Kilobytes

When this option is tagged, the strings in the menu-bar will be shown in Kilobytes instead of bytes.

---



## 1.17 color

Color

This function opens a palette-requester. You should select a color here in which the memory-indicators should be drawn.

## 1.18 dangercolor

DangerColor

This function opens a palette-requester. You should select a color here in which the memory-indicators should be drawn if you are low on memory.

## 1.19 jumpscreen

JumpScreen

When this menuitem is selected ProMeter will open it's window on the next screen.

## 1.20 savesettings

SaveSettings

This option saves the current settings to ProMeter's icon. The following settings will be saved:

- Window X,Y position.
- Colors used for drawing the memory indicators.
- The show kilobytes option.

## 1.21 history

History

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ProMeter v1.2  
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TO DO:

- Add 'Total Free:' to Remember-string.

KNOWN BUGS:

- None

Changes:

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## v1.0

28 Jul 93: Initial version of ProMeter.  
29 Jul 93: NEW: Added menus: About, Quit  
30 Jul 93: NEW: Added menus: Select Color, Select Danger Color.  
30 Jul 93: NEW: Drew ProMeter-icon.  
31 Jul 93: NEW: Added menu: Save Settings.  
31 Jul 93: CHG: Made ProMeter font-sensitive.  
2 Aug 93: CHG: Made ProMeter also load settings when started from CLI.  
3 Aug 93: NEW: Added keyboard shortcuts: ESC, R(emember), D(ifference).  
3 Aug 93: NEW: Added 'Show as Kilobytes'-option in settingsmenu.  
3 Aug 93: NEW: Added 'Total gained:' in difference-string.  
4 Aug 93: CHG: Changed strings a bit.  
9 Aug 93: NEW: Added 'Jump to next screen'-option.  
10 Aug 93: CHG: Optimized code. Saved about 1000 bytes.

## v1.1

25 Aug 93: CHG: Kicked GadToolsBox sourcecode and Written my own. This was done to be compatible with kick3.0 and GadToolsBox made the window way to big with large fonts.  
28 Aug 93: NEW: Added ShowAsKiloBytes Tooltype. (Also saved with settings)  
28 Aug 93: CHG: Used NewLookMenus to look nicer on kick3.0.  
25 Sep 93: FIX: Fixed bug if no fastmem available. Crashed before due to division by zero.

## v1.2 (First release)

8 Apr 94: CHG: Optimized code, saved about 200 bytes.  
8 Apr 94: FIX: 184 bytes where lost when screenjumping  
8 Apr 94: NEW: Added Menu-option iconify.  
8 Apr 94: CHG: Difference gadget is now always enabled.  
8 Apr 94: CHG: Screen pops to front when jumping.  
8 Apr 94: CHG: Window activates when opened.  
9 Apr 94: NEW: Drew ProMeter-MWB-icon.

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