

**gadutil\_amigae**

COLLABORATORS

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# Chapter 1

## gadutil\_amigae

### 1.1 How to use AmigaE with GadUtil

```

*-----*
|
|          Gadutil.library version 37.10
|
|          Copyright © 1994-97 by Staffan Hämälä and P-O Yliniemi
|
|          AmigaE modules and example converted by Terje Pedersen
|
*-----*

Installation    - How to install AmigaE files
Module          - Modules to include
Functions       - GadUtil functions
Menu            - Menu handling
Taglists        - Use of taglists

Authors         - Contact addresses

```

### 1.2 How to install the AmigaE files.

Copy:

1. (SIZE:943) AmigaE/Modules/gadutil.m to emodules:
2. (SIZE:5018) AmigaE/Modules/gadutil.m to emodules:libraries/

### 1.3 Modules to include in your software

```
MODULE 'gadutil','libraries/gadutil','libraries/gadtools'
```

## 1.4 functions

All functions in AmigaE starts with an uppercase character and is followed by a lowercase character.

So, all GadUtil functions starts with: Gu\_

## 1.5 Menu handling.

```
#define UNSIGNED(x) ((x) AND $FFFF)

CASE IDCMP_MENUPICK
-> E-Note: convert message code to an unsigned INT
menunumber:=UNSIGNED(ormsg.code)
WHILE (menunumber<>MENUNULL) AND going
    item:=ItemAddress(menuStrip, menunumber)

    menunum:=MENUNUM(menunumber)
    itemnum:=ITEMNUM(menunumber)
    subitem:=SUBNUM(menunumber)

    IF menunum=0 AND itemnum=5 THEN going:=FALSE

-> E-Note: convert message code to an unsigned INT
menunumber:=UNSIGNED(item.nextselect)
ENDWHILE
```

## 1.6 How to use taglists in AmigaE.

In AmigaE you can use [] to make a taglist.

Example:

```
mXGadGTags:=[
    GTMX_LABELS,cycleText,GTMX_SPACING,2,
    GTMX_ACTIVE,2,TAG_DONE]:tagitem
```

And if you want to change a value in a taglist, you have to make an array.

```
DEF mXGadGTags[4]:ARRAY OF tagitem
```

Now you could change the active MX like this:

```
mXGadGTags[2].data:=1
```

## 1.7 Contact addresses

AmigaE files converted by Terje Pedersen.

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email:  
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If you want to send comments, bug reports, suggestions or anything else,  
use one of the following addresses:

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All e-mail (that have something to do with GadUtil) will be answered.

The latest version of GadUtil is always available for download from our  
homepages. The best assembly language development system, Asm-One 1.29,  
can also be downloaded from both mine and Staffans homepage.

Asm-One support page: <http://www.algonet.se/~peoyli/asm-one>

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