

**project**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> project		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>project</b>	<b>1</b>
1.1	Project . . . . .	1
1.2	The Gueum . . . . .	1
1.3	HappyDT . . . . .	2
1.4	Xpm Datatype . . . . .	3
1.5	mysql.library . . . . .	3

# Chapter 1

## project

### 1.1 Project

Other Project (26/05/98)

This file contains description of my current Amiga project.

```
The Gueum      -- The Workbench Replacement
HappyDT        -- Use datatypes with all your apps!
Xpm.datatype    -- A xpm datatype
Msql.library    -- Shared library to access mSQL database
```

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### 1.2 The Gueum

THE GUEUM  
Workbench Replacement

What is it?

The Gueum is a Workbench replacement with a lot a new features.

Why ?

The Workbench is the same since release 2.1 of the AmigaOS. Features, that comes with release 3.0 was not supported by the Workbench itself. In addition, the workbench works with a unique task. So, when the

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workbench is working, you can't do anything more with it. That's pity with our multitasks OS. With release 2, the workbench can send information to external application (AppIcon, AppWindow, etc..) but external application can't send information or request to the Workbench! That's why you need The Gueum! (see below)

Features ?

- \* Complete Workbench emulation.
- \* Multitasking.
- \* Contextual Menu (Based on Datatypes).
- \* NewIcon support.
- \* Large API.
- \* ARexx support.
- \* Allow Drag&Drop between external application.
- \* Extended workbench features.
- \* More Graphical interface (eg. Copy, Delete, etc...).
- \* Completely configurable Menu.
- \* A lot of sub-modules can be replaced. (Allowing, for example, the choice of the GUI like Gadtools, ClassAct, Mui...)

And More...

When ?

Since i work on many other projects, the Gueum developement is a bit slow. So, i've really no idea when it will be ready.

If you have any questions about The Gueum you can send me an email.

## 1.3 HappyDT

HappyDT

Thanks to Datatypes, an app can load files (eg. pictures), without knowing the type of the file. It can load GIF, JPEG or PNG pictures without specific code.

But few commercial apps use this feature which comes with Workbench 3.0.

It's the purpose goal of HappyDT: HappyDT acts just like a filter between programmes and pictures (or sounds) . When an app tries to load a picture (or a sound) saved in an unknown type, HappyDT converts it in an temporary IFF file. In this way, the app acts just as if it loaded an IFF picture.

In addition, if the picture (or sound) is packed, HappyDT can unpack it with Xpk or Xfd.

The unregistered version have some features disabled but haven't any remind requester or time limit.

Features:

- Support both sound & picture datatypes
  - Accept task name patterns
  - Font Adaptive
-

- Install script bug removed
- Can unpack files with Xpk or Xfd
- Identify help
- Datatypes filter
- Prog's specific prefs
- Installer script
- Locale commodity & doc.  
(English, French, Spanish, German, Italian, Polski and Russian)

On 23/03/98:

CURRENT VERSION: 2.6

REQUIREMENT: 68000+/OS3.0+

DISTRIBUTION: Shareware (read the doc for further detail)

## 1.4 Xpm Datatype

Xpm picture Datatype

With this datatype, you can load & (soon) save Xpm format picture file.

On 26/05/98:

CURRENT VERSION: 41.2

REQUIREMENT: 68020+/OS3.0+

DISTRIBUTION: Freeware (read the readme for further detail)

## 1.5 msql.library

msql.library

msql.library is an Amiga shared library that offer the required api to access a mSQL database engine.

Without it, you'll need to link your application with the static msql library.

With it, you can access a mSQL server with any language! :)

On 25/05/98:

CURRENT VERSION: 2.1

REQUIREMENT: 68020+ / OS2.0+ / TCP/IP stack

DISTRIBUTION: Freeware (read the doc for further detail)

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