0796ae40-0

COLLABORATORS

	TITLE : 0796ae40-0		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		August 8, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

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1.1 Supra Library

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              Supra -- Additional functions to the existing Amiga libraries
=====
```

```
 Version 1.1 (11. Apr 1995)
 © Copyright by Jure Vrhovnik. All rights reserved.
```

You can use Supra library in your own programs. You can redistribute the
original archive as long as it remains unchanged. You may change the
source code but you have to report all changes to the author of Supra
library.

[Inspite of the terrible situation of the Amiga computer, its soul
still lives and it's even stronger than it has ever been before. And
we've finally realized what this soul really is – it's Amiga users!]

```
              ~Introduction~

              ~Description~

              ~Installation~

              ~Usage~

              ~History~

              ~Author~
              jurev@gea.fer.uni-lj.si
```

1.2 Supra Library -- Introduction

 What is it?

    Supra is a collection of routines that can be considered as a small
update to Amiga ROM libraries. Since computer programs grow complexier
day by day programmers find it hard to cope with high level
organization, and thus can't afford to use their time for implementing
basic routines. That's why Amiga's libraries are so valuable – they help
programmers to concentrate on developing larger projects and make the
pieces of a puzzle bigger. However, Amiga libraries haven't been updated
for quite a long time. The pieces of a puzzle haven't changed, but the
puzzle grows along with more advanced projects.

This is my first release of supra functions. The collection is very
tiny. However I hope this release will set a decent example that Amiga
OS can and should be updated.

jurev@gea.fer.uni-lj.si

1.3   Supra Library -- Description

What do you get?

    Supra is a linked library which contains a few useful functions that
are easy to use. A brief description of what it contains:

    o File copier
    o Very easy but powerful recursive directory scanning
    o Quick file type/existance checking
    o Create an entire directory path (extension to CreateDir())
    o Image colour remapping (now you can show images in their real
      colors on a workbench!)
    o Obtain a list of best pens (extension to ObtainBestPen()) NEW o
Add or alter icon's tooltypes

Here is a list of function names:

    – FCopy()
    – FileType()
    – RecDirInit()
    – RecDirNext()
    – RecDirTags()
    – RecDirFree()
    – MakePath()
    – ObtPens()
    – RelPens()
    – MakeNewImg()
    – FreeNewImg() NEW – AddToolType()

Every function is well documented and there are some useful examples

```
included in this archive.
```

```
jurev@gea.fer.uni-lj.si
```

1.4 Supra Library -- Installation

```
How to install?
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```
    This release has only a header file for C language. You should do
the following:

    - copy lib/supra.lib library into your lib: directory
    - copy libraries/supra.h header file to include:libraries/supra.h
```

```
jurev@gea.fer.uni-lj.si
```

1.5 Supra Library -- Usage

```
How to use it?
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```
    When you want to use any function from supra library with your C
program you have to include a header file supra.h in your source:
```

```
#include <libraries/supra.h>
```

```
You'll have to link your object file with lib:supra.lib
```

```
jurev@gea.fer.uni-lj.si
```

1.6 Supra Library -- Author

```
Author's address
```

```
    I want Supra library to be as perfect as any rom libraries. I will
be very happy for any comments about it (concerning source code,
documentation, new ideas etc.). Programmers who have experiences in
other languages, please contact me if you are willing to make header
files in order to get supra available to other languages as well.
```

```
My address:
```

```
    jurev@gea.fer.uni-lj.si

    Jure Vrhovnik
    Langusova 13
    Ljubljana, 61000
    Slovenia
```

```
my URL:
    http://www.fer.uni-lj.si/~jurev
```

```
jurev@gea.fer.uni-lj.si
```

1.7 Supra Library -- History

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Previous releases
```

```
    o v1.1  - Minor problem in source code: no pragmas were included
              (only clib instead of proto). That was causing some problems
              with linking. This is now repaired.
            - AddToolType() function

    o v1.0  First release
```

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jurev@gea.fer.uni-lj.si
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