

0796ae40-0

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WRITTEN BY		April 15, 2022	

REVISION HISTORY

<i>NUMBER</i>	<i>DATE</i>	<i>DESCRIPTION</i>	<i>NAME</i>

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Chapter 1

0796ae40-0

1.1 Supra Library

```
=====
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.

[In spite 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~
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~Installation~
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~Usage~
```

```
~History~
```

```
~Author~
```

```
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```

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.

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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
- 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.

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1.4 Supra Library -- Installation

How to install?

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

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1.5 Supra Library -- Usage

How to use it?

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

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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:

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1.7 Supra Library -- History

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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