UPDATING HELIOS
FROM
VERSION 1.4.2
TO
VERSION 1.4.2a

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1. INTRODUCTION

This report describes the modifications made to the *helios* version 1.4.2 (October version) after requests out of the SPACE users group.

This work is carried out for the SPACE project till 2 November 1999.

REFERENCES

For SPACE see:

> The usage of SPACE is described in the user manuals:
>
> - Space Tutorial
> - Space User's Manual

3. DISCUSSION OF CHANGES IN THE SOURCE FILES

For a list of changes see appendix B.

3.1 Change Requests

- When the "helios.defaults" file cannot be (over)written, is the error message not nice.

- The text "Accept" and "Accept Options" is used both.

- In the ''New Technology File Dialog'' is no "Accept" button.

- Sometimes the "Load settings" command has no effect in ''Extract Options''?

- The "Selected Cell" field is not cleaned by going to another project.

- The option **-t** by *cgi* (Import Layout) is obsolete! The option **-w** does exist. They are independent of each other.

- Change the name *xdali* into *dali*. The manual page of *dali* is not on the list.

- If there are a lot of cells in the view of a project (P505 for example), the *helios* interface slows done. Implemented another (private) ISROOT function.

- There is a empty line on the bottom of the list of cells field.

- In ''Name of New Database'' is the Databases text field too small.

- The program *mkpr* is now used to make new projects.

- The program *rmpr* is now used without option **-a**. This option removes all files and directories from a not empty project.

- Implemented a shorter prompt (choices 0 to 4).

- Removed the hidden Job Control mnemonic 'P'.

- You can now also specify to *helios* which project you want to open.

- Updated file "README.helios".

- Updated the *helios* tutorial document.

- Updated the *helios* manual page.

4. APPENDICES

APPENDIX A -- SCCS DELTA'S

FILE: name	PREVIOUS: bytes	delta/date	NEW: bytes	delta/date
Makefile	4065	3.3 98/12/03	--	--
README.helios	2762	3.4 98/07/07	3011	3.5 99/11/02
adminvar.c	89089	3.8 99/10/04	89362	3.9 99/11/01
callbacks.c	120096	3.8 99/10/01	127764	3.9 99/11/01
callbacks.c	--	--	127820	3.10 99/11/02
elements.h	2397	3.1 98/04/01	--	--
externs.h	1087	3.2 99/10/01	--	--
get_db.c	1551	3.2 98/06/11	--	--
glue.c	250	3.1 98/04/01	--	--
helios.icon	4841	3.1 98/04/01	--	--
helios.message	80403	3.5 99/10/05	80665	3.6 99/11/01
helios.res	1755	3.3 99/09/29	1457	3.4 99/11/01
option.h	3801	3.3 99/10/01	3801	3.4 99/11/01
realist.c	18434	3.14 99/10/01	15313	3.15 99/11/01
realist.h	1567	3.2 99/10/01	--	--
run_space.c	16123	3.3 99/10/01	15926	3.4 99/11/01
sram.xpm	68077	3.1 98/04/01	--	--
xmrealist.c	637382	3.10 99/10/04	633387	3.11 99/11/01
xmrealist.h	28045	3.4 99/10/01	28054	3.5 99/11/01
xmrealist.xd	286299	3.10 99/10/04	285681	3.11 99/11/01

Helios tutorial:

FILE: name	PREVIOUS: bytes	delta/date	NEW: bytes	delta/date
body.mm	100463	4.23 99/10/05	100448	4.24 99/11/02
title.mm	1035	4.14 99/10/05	1035	4.15 99/11/02
about.ps	84391	4.2 99/10/05	84271	4.3 99/11/02
helios.ps	139429	4.2 99/10/05	138447	4.3 99/11/02
jobs.ps	160535	4.2 99/10/05	144514	4.3 99/11/02

Helios manual:

FILE: name	PREVIOUS: bytes	delta/date	NEW: bytes	delta/date
helios.1	3006	4.1 98/07/06	4901	4.2 99/11/02