UPDATING HELIOS
FROM
VERSION 1.4.1
TO
VERSION 1.4.2

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1. INTRODUCTION

This report describes the modifications made to the *helios* version 1.4.1 user interface. There is added new code for the new retrieval tool *xvhdl*. A number of other programs had new options (*highlay*, *space*, ...).

The *space* program had also a number of new variables. A lot of other modifications were done. I made the interface more consistend.

The forms may now stay open, sub-forms become insensitive if its setting is currently not used. The settings in the open forms are used by clicking on 'extract' or 'retrieve'. A 'cancel' or 'accept' of the main 'extract' or 'retrieve' form is also used by the sub-forms. This is not true for the 'set defaults' button.

The format of the "helios.messages" file is a little changed. It contains now also the index list of the manual pages. A number of bugs is also repaired.

This work is carried out for the SPACE project in the period 18 Aug. - 4 Oct. 1999.

2. SCCS DELTA'S

FILE:	PREVIOUS:		LAST/NEW:	
name	bytes	date	bytes	delta/date
Makefile	--	--	4065	3.3 12/03/98
README.helios	--	--	2762	3.4 07/07/98
adminvar.c	125653	07/07/98	89141	3.7 10/01/99
--	--	--	89089	3.8 10/04/99
callbacks.c	148563	07/15/99	120096	3.8 10/01/99
elements.h	--	--	2397	3.1 04/01/98
externs.h	1159	04/01/98	1087	3.2 10/01/99
fallback.h	--	--	2407	-- 07/09/98
get_db.c	--	--	1551	3.2 06/11/98
glue.c	--	--	250	3.1 04/01/98
helios.icon	--	--	4841	3.1 04/01/98
helios.message	66570	06/17/98	83003	3.4 10/01/99
--	--	--	80403	3.5 10/05/99
helios.res	2201	07/02/98	1755	3.3 09/29/99
option.h	3362	06/11/98	3801	3.3 10/01/99
realist.c	18817	07/15/99	18434	3.13 10/01/99
--	--	--	18434	3.14 10/01/99
realist.h	1201	04/01/98	1567	3.2 10/01/99
run_space.c	15776	07/15/99	16123	3.3 10/01/99
sram.xpm	--	--	68077	3.1 04/01/98
xmrealist.c	587738	07/15/99	637549	3.8 10/01/99
--	--	--	637549	3.9 10/04/99
--	--	--	637382	3.10 10/04/99
xmrealist.h	27887	06/17/98	28045	3.4 10/01/99
xmrealist.xd	256411	07/15/99	286306	3.8 10/01/99
--	--	--	286306	3.9 10/04/99
--	--	--	286299	3.10 10/04/99

3. REFERENCES

For SPACE see:

The usage of SPACE is described in the user manuals:

- Space Tutorial
- Space User's Manual