

Preimages (software implementation in C)

List of files:

ca.c	The main function.
ca.h	Definitions of data structures.
ca_def_func.c	Functions for reading and writing CA definition files.
ca_analysis.c	Functions for analysis of the CA definition (creation of the transition table and preimage matrices) and matrix multiplication functions.
ca_preimages.c	Function for dealing with the preimage network and preimage listing algorithms.
ca_text_out.c	Text output functions for CA analysis, preimage networks and preimage lists.
default.ca	The default CA definition file. It is opened if no file is specified in the command line.

Known bugs:

Some text output functions may overflow the string buffer on large CA configurations, since a fixed amount of memory is allocated.