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tschak909 commit of adam code. ...

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src

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Makefile

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README.md

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README.md

PLATOTerm99 Coleco Adam

PLATOTerm99 is a terminal emulator to access CYBIS services now available on the Internet utilizing a FujiNet.

For the purposes of this documentation. PLATO and CYBIS are interchangeable names for the same platform.

Requirements

- Coleco Adam
- FujiNet

What services are currently available to access via PLATOTerm?

As of writing this preliminary documentation (April 2022), there are two major CYBIS systems running. CYBER1.ORG and IRATA.ONLINE.

WHAT IS PLATO? (aka CYBIS?)

(from the PLATO wikipedia page:)

PLATO (Programmed Logic for Automatic Teaching Operations), was the first generalized computer-assisted instruction system. Starting in 1960, it ran on the University of Illinois ILLIAC I computer. By the late 1970s, it supported several thousand graphics terminals distributed worldwide, running on nearly a dozen different networked mainframe computers. Many modern concepts in multi-user computing were originally developed on PLATO, including forums, message boards, online testing, e-mail, chat rooms, picture languages, instant messaging, remote screen sharing, and multi-player games.

What is CYBER1.ORG?

CYBER1.ORG is a CYBIS system initially set up in 2004, as a haven for ex-PLATO users to experience a classic PLATO author experience.

CYBER1.ORG is home to many thousands of classic PLATO lessons and notesfiles which have been restored from various sources, and have been made available in the interests of preserving PLATO.

What is IRATA.ONLINE?

IRATA.ONLINE is a CYBIS system that has been set up for the benefit of the greater vintage computing community, in the interest to provide a unique experience that can be accessed on a wide variety of vintage computers with a bitmapped graphics display. To this end, IRATA.ONLINE develops PLATOTerm for dozens of platforms, so that they can access CYBIS systems, as well as provide a community and learning infrastructure for vintage computing users of all types, in the hopes that as a cohesive community, something unique can hopefully emerge.

What is the connection between IRATA.ONLINE and CYBER1.ORG?

CYBER1.ORG and IRATA.ONLINE are independent of one another. With that said, the reason IRATA.ONLINE and PLATOTerm exist, are because of the efforts of CYBER1.ORG to not only preserve a running PLATO system, and provide the necessary information for interested parties to write terminal software to access CYBIS systems, but also in their effort to produce a publically available distribution of CYBIS that others who are interested may also run their own CYBIS installation. IRATA.ONLINE is a direct result of the public release of this distribution.

Loading PLATOTERM

PLATOTERM can be loaded via FujiNet by attaching platoterm.dsk from adam-apps.irata.online in the Comms/ folder, and booting.

PLATO Keyboard

The PLATO keyboard is mapped to the Adam keys, like so:

PLATO KEY	Adam Key
ANS	CTRL A
BACK	CTRL B
SHIFT-BACK	HOME + LEFT ARROW
COPY	COPY
SHIFT-COPY	SHIFT COPY
DATA	CTRL D
SHIFT-DATA	SHIFT UNDO
EDIT	CTRL E
SHIFT-EDIT	SHIFT INSERT
ERASE	BACK-SPACE
SHIFT-ERASE	SHIFT DELETE
FONT	CTRL F
÷	
HELP	CLEAR

PLATO KEY	Adam Key
SHIFT-HELP	SHIFT CLEAR
LAB	GET
SHIFT-LAB	STORE
MICRO	HOME + UP-ARROW
NEXT	ENTER
SHIFT-NEXT	HOME + RIGHT ARROW
SUPER	CTRL-P
SHIFT-SUPER	SHIFT I
SQUARE	SHIFT WILDCARD
ACCESS	SHIFT WILDCARD
STOP	CTRL S
SHIFT-STOP	HOME
TERM	CTRL T
×	I
SUB	CTRL Y
SHIFT-SUB	SHIFT II
SIGMA	III
DELTA	IV
ASSIGN	ESC
UNION	VI
INTERSECT	V

Credits

- "Thomas Cherryhomes" - Terminal coding, sleepless nights.
- "Steve Peltz" - original PAD protocol decoder from MacPAD.

