View input and output screens in real time on another CICS terminal.

View HTML pages sent to another browser served out from CICS.

Provides the ability to collect screens based on almost any criteria including the contents of the screen.

Collect the screens for replay later.

Collect screens generated by a specified transaction executed on any terminal.

You control who can Spy and who can be spied upon... flexible security.

SPY on 3270 terminals and HTML served out to a browser from CICS





Types of SPY sessions

Terminal ID

Collects all input and output screens from a particular terminal. Can specify this type of session by Termid, Netname, Userid or Operator ID.

TRANSID

Collects input and output screens generated by a particular transaction ID on any terminal in CICS.

*ALL

Collects input and output screens from all the terminals in a CICS.

HTML

Collects HTML pages sent by CICS to a browser such as Netscape Navigator or Internet Explorer. Can specify this type of session by IP address or HOSTNAME.

Content Sensitive

A user replaceable Spy *module provides the customer* the ability to Spy based upon almost any criteria, including the content of the screen.

Who's On List

Any of the above 3270 type Spy sessions can be initiated from a display of all the terminals currently using CICS.

Automatic

Any of the above types of Spy sessions can be started automatically everytime CICS is brought up.

itiate SPY	SPYNUMP	HacKinney System SPY Sessi	s CICS/SPY Rel. 2.1 om Input	•					
sessions	Enter one of th	e following targets:							
using this CICS	TERHID>		(Termid, Hetname, Will be converted						
screen.	TRAHID>		will be converced	to terminal to					
	IP ADDRESS ==>	_ · · ·							
	HOST HAME>								
	Enter a target AHD:								
		ACTIVATE a spy session ACTIVATE a spy session		RRENT VIEW					
	PF3-End	PF6-SPY File	Directory	PF7-Who's On List					

Initiate SPY sessions using this page on your browser.

M1

1

Initiate



Who's On Screen

The Who's On screen provides a list of terminals currently in use in CICS. A spy session can be started on any one of the displayed terminals by selecting it. Terminals displayed can be selected by up to thirteen criteria such as transaction ID, Signed on status, active status, Userid, etc.

96/28/01	10:33:19 Až			AÎI Î	erminals		Screen 1 of 59 Terminal		
\$ 1000	HETHAHE	THRHS	USERID		S TERH	нетнане	TRANS	USENID	
- ALZE	ALZE		CICSUSER			CORF		CICSUSER	
CERR			CICSUSER		CNSL			GIGSUSER	
CH01			GIGSUSER			PRLONSOS		CICSUSER	
FAIN	TRLOBSCS		CICSUSER				SPY .	GIGSUSER	
HDR1			CICSUSER		PFAX	TRLOFSCS		GIGSUSER	
P01	P01		CICSUSER		P02	P 82		CICSUSER	
P05	PRS		CICSUSER		TFAX	TRLX3SCS		CICSUSER	
TREF	PRL 0H813		CICSUSER		TR33	TRL 03 883		CICSUSER	
1X31	TRL OF 201		CICSUSER		105	TRL 04882		CICSUSER	
T 878	PUSET 878		CICSUSER		T 878	PUSET878	HLCO	CICSUSER	
TOPA	PUSETOBA	CHAC	CICSUSER		TRAN	PUSET 09A	DPH	RJS1	RJS
T 098	PUSET 098		CICSUSER		T106	PUSET186	SPV	GIGSUSER	
T148	PUSET148		CICSUSER		T148	PUSET148		GIGSUSER	
T140	PVSET14C		CICSUSER		T140	PUSET140		CICSUSER	
PPR-Ford	DED-BALLES	and the	7-Bud PF8	-	month	lue Trans	witten.		

Screen Index

Display a selection list of all screens collected

To assist in viewing a SPY session an index screen for the SPY session can be displayed. The Spy Screen index displays a selection list of all screens collected for a particular Spy session. You can begin viewing a spy session at any Screen. You can position the Spy index screen based on time and date sent.

and the second second								
			USERID					
86-25-2881	14:43:35	TIME	CICSUSER		PUSET10C	IN	ENTER	
86-25-2881	14:43:35	TINA	CICSUSER		PUSET10C	OUT	ENTER	
06-26-2001	09:03:36	TIMA	CICSUSER		PUSET18C	IN	CLEAR	
						OUT	CLEAR	
					PUSET10C	IH	ENTER	
86-26-2881	09:03:40	SPY	CICSUSER		PUSET18C	OUT -	ENTER	
86-26-2881	09:03:41	SPY	CLOSUSER		PUSET18C	IN	PF7	
06-26-2001	16:34:46	SPV	CICSUSER		PUSET10C			
						OUT	CLEAR	
86-26-2881	16:34:55	SPY				IN	CLEAR	
86-26-2881	16:35:19	SPV				OUT	CLEAR	
	86-25-2881 86-25-2881 86-26-2881 86-26-2881 86-26-2881 86-26-2881 86-26-2881 86-26-2881 86-26-2881 86-26-2881 86-26-2881	06-25-2881 14:43:35 06-25-2881 14:13:35 06-26-2801 07:83:36 06-26-2801 07:83:37 06-26-2801 07:83:37 06-26-2801 07:83:39 06-26-2801 07:83:44 06-26-2801 07:83:44 06-26-2801 16:34:46 06-26-2801 16:34:58 06-26-2801 16:34:58	06-25-2001 14:43:35 TINA 06-25-2001 14:43:35 TINA 06-26-2001 09:03:34 TINA 06-26-2001 09:03:37 TINA 06-26-2001 09:03:39 06-26-2001 09:03:39 06-26-2001 09:03:40 SPV 06-26-2001 09:03:44 SPV 06-26-2001 16:34:46 SPV	06-25-2001 14:43:35 TIMB CICSUSER 06-25-2001 14:43:35 TIMB CICSUSER 06-26-2001 09:03:36 TIMB CICSUSER 06-26-2001 09:03:37 TIMB CICSUSER 06-26-2001 09:03:39 CICSUSER 06-26-2001 09:03:40 SPV CICSUSER 06-26-2001 09:03:41 SPV CICSUSER 06-26-2001 09:03:44 SPV CICSUSER 06-26-2001 16:34:45 SPV CICSUSER 06-26-2001 16:34:50 SPV CICSUSER 06-26-2001 16:34:55 SPV	06-25-2001 14:43:35 TIME CICSUSER 06-25-2001 14:43:35 TIME CICSUSER 06-26-2001 09:03:36 TIME CICSUSER 06-26-2001 09:03:37 TIME CICSUSER 06-26-2001 09:03:50 CICSUSER 06-26-2001 09:03:40 SPV CICSUSER 06-26-2001 09:03:41 SPV CICSUSER 06-26-2001 09:03:44 SPV CICSUSER 06-26-2001 16:34:45 SPV CICSUSER 06-26-2001 16:34:55 SPV	B6-25-2801 14:43:35 TIHA CICSUSER PUSET10C B6-25-2001 14:43:35 TIHA CICSUSER PUSET10C B6-26-2001 07:80:35 TIHA CICSUSER PUSET10C B6-26-2001 07:80:37 TIHA CICSUSER PUSET10C B6-26-2001 07:80:37 TIHA CICSUSER PUSET10C B6-26-2001 07:80:37 CICSUSER PUSET10C B6-26-2001 07:80:40 SPV CICSUSER PUSET10C B6-26-2001 16:31:46 SPV CICSUSER PUSET10C B6-26-2001 16:31:46 SPV CICSUSER PUSET10C B6-26-2001 16:31:45 SPV CICSUSER PUSET10C B6-26-2001 16:31:50 SPV CICSUSER PUSET10C	B6-25-2801 14:43:35 TIMA CICSUSER PUSET10C IN B6-25-2001 14:43:35 TIMA CICSUSER PUSET10C UUT B6-26-2001 09:80:36 TIMA CICSUSER PUSET10C UUT B6-26-2001 09:80:37 TIMA CICSUSER PUSET10C OUT B6-26-2001 09:80:39 CICSUSER PUSET10C UN B6-26-2001 09:80:39 CICSUSER PUSET10C UN B6-26-2001 09:80:40 SPV CICSUSER PUSET10C UN B6-26-2001 09:80:41 SPV CICSUSER PUSET10C UN B6-26-2001 09:80:41 SPV CICSUSER PUSET10C UN B6-26-2001 09:80:44 SPV CICSUSER PUSET10C UN B6-26-2001 16:31:46 SPV CICSUSER PUSET10C UN B6-26-2001 16:31:45 SPV CICSUSER PUSET10C IN B6-26-2001 16:34:55 SPV	B6-25-2881 14:43:35 TIME CICSUSER PUSETINC IN ENTER B6-25-2881 14:43:35 TIME CICSUSER PUSETINC UU ENTER B6-26-2881 09:83:36 TIME CICSUSER PUSETINC UU ENTER B6-26-2881 09:83:36 TIME CICSUSER PUSETINC UU ENTER B6-26-2881 09:83:37 TIME CICSUSER PUSETINC UU ELEAR B6-26-2881 09:83:39 CICSUSER PUSETINC UN ENTER B6-26-2881 09:83:40 SPV CICSUSER PUSETINC UN ENTER B6-26-2881 09:83:40 SPV CICSUSER PUSETINC UN PF7 B6-26-2881 09:83:44 SPV CICSUSER PUSETINC UN PF7 B6-26-2881 09:83:44 SPV CICSUSER PUSETINC UN CLEAR B6-26-2881 16:34:45 SPV CICSUSER PUSETINC UN CLEAR B6-26-2881 16:34:55

Each one of the lines shown on this screen represents a screen that has been collected by CICS/Spy.

HTML Index

Display screens collected from HTML Sessions

The HTML Spy Screen Index can be obtained from the HTML Spy Session Directory. You can begin displaying pages at any point by pressing the "Start Here" button. This screen is available only on a browser such as Netscape Navigator or Internet Explorer.



Each of the lines shown on this page represents a page that has been collected by CICS/Spy.

Modes of Spy sessions

Concurrent

Displays the screens being spied upon in real time. In this mode the screens (input and output) generated by the SPY'ed upon terminal are also shown immediately on the SPYer's terminal.

Non-Concurrent

Screens are collected into a database for review at a later time. Screens collected can be "replayed" forwards and backwards. you can begin the display of collected screens at any point in the Spy session.

Security

CICS/Spy provides a flexible security facility that limits who can be spied upon and who can do the spying.



Call (417) 882-8012 or download CICS/Spy from mackinney.com for a FREE 30 day trial!

Content sensitive Spy sessions

SPY provides a user replaceable module giving the customer the ability to SPY based upon almost any criteria, including the content of the screen. SPY provides all the relevant information about all screens generated in CICS (including the screen itself) and the user replaceable module can decide whether or not the screen is to be recorded or discarded. The uses of this type of Spy session and the criteria that can be applied is almost limitless. Below are some examples of how this type of Spy session might be used:

- Collect all the screens generated by a particular USERID on any terminal.
- Collect only the screens on which a particular customer number appears.
- Collect screens from a selected terminal only during a specific time of day.

MacKinney Sytems, Inc.

2740 S. Glenstone, Ste. 103 Springfield, Missouri 65804

> Sales and Support: (417) 882 8012

Email: sales@mackinney.com

> Fax: (417) 882-7569