

Livespace Core Applications

Livespace Desktop

The screenshot displays the Livespace Desktop environment with several windows open:

- OSGi Administrator:** A window showing a list of bundles. The table below represents the data shown in the interface.
- TeamThink:** A window for collaborative editing, showing a text area with placeholder text and a list of participants.
- Livespace Screen Sharing:** A window for sharing the desktop, showing a connection to 'ics-tablet2'.
- Livespace Clipboard:** A window showing the clipboard content, which includes navigation instructions between the computer and the Livespace environment.

Bundle Name	State	Name	Provider	Category
ics-tablet1 (local)				
AccessGrid (remote)	active	CM Commands	Knopflerfish	service
beeblerox (remote)	active	CM Service	Knopflerfish	service
dent (remote)	active	Console	Knopflerfish	service
ics-ambient (remote)	installed	Desktop	Knopflerfish	console
ics-autm2 (remote)	active	PW Commands	Knopflerfish	service
ics-display-ctr (remote)	active	livespace.common	DSTO	lib
ics-display-lft (remote)	active	livespace.eclipse_rcp	Eclipse.org/DSTO	lib
ics-display-rht (remote)	active	livespace.elvin	DSTO	service
ics-dreampc1 (remote)	active	livespace.jmf	Sun	lib
ics-tablet2 (remote)	active	livespace.logging.remote	DSTO	service
ics-tablet3 (remote)	active	livespace.osgi	DSTO	lib
ics-tablet4 (remote)	active	livespace.osgi.controller	DSTO	service

TeamThink - Myself:
Name: weberd
Role: Observer Proposer Editor

Participants:
Administrator Proposer

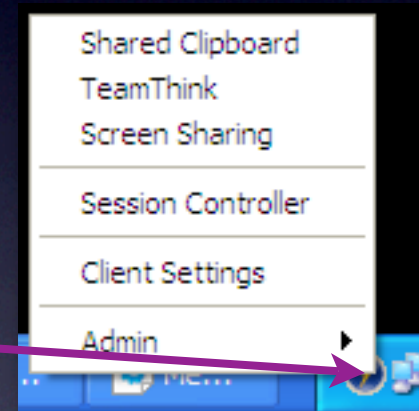
Livespace Screen Sharing:
This computer is weberd @ ics-tablet1
Connections: * This computer * | Target: ics-tablet2 | View-only: true

Livespace Clipboard:
Computer -> Livespace | Livespace -> Computer

CS-TABLET1

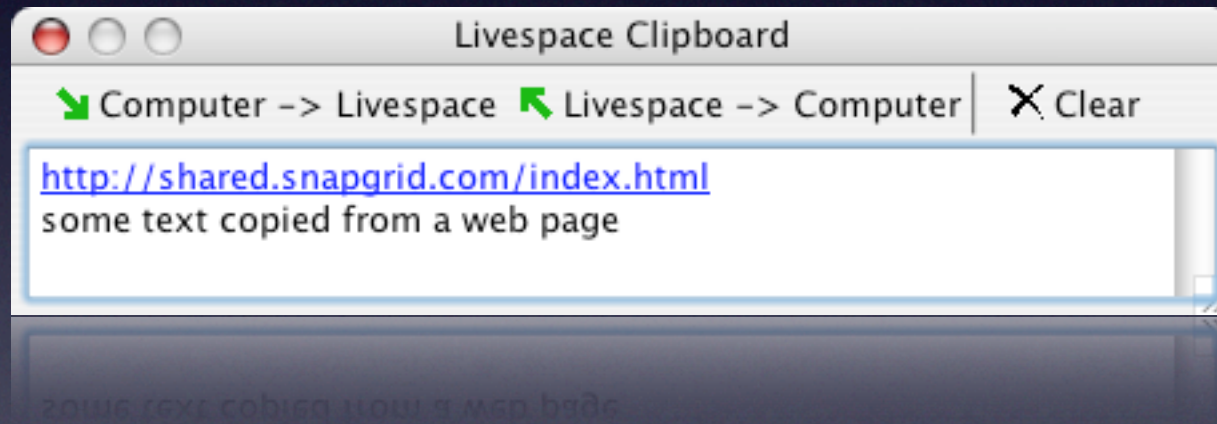
The Dashboard

- The framework for hosting Livespace desktop applications & widgets
- Visible as a taskbar icon
- Based on SWT & the Eclipse Rich Client Platform (RCP)



Clipboard

A simple shared text area



TeamThink

Collaborative brainstorming & document editing


The screenshot shows the TeamThink application window. The title bar reads "TeamThink".

Myself

Name:

Role: Observer Proposer Editor

Participants

 Fred Proposer

David

- * Threading issues
- * Found errors in elvin bouncing
- * change screen share size to 80%

Steve

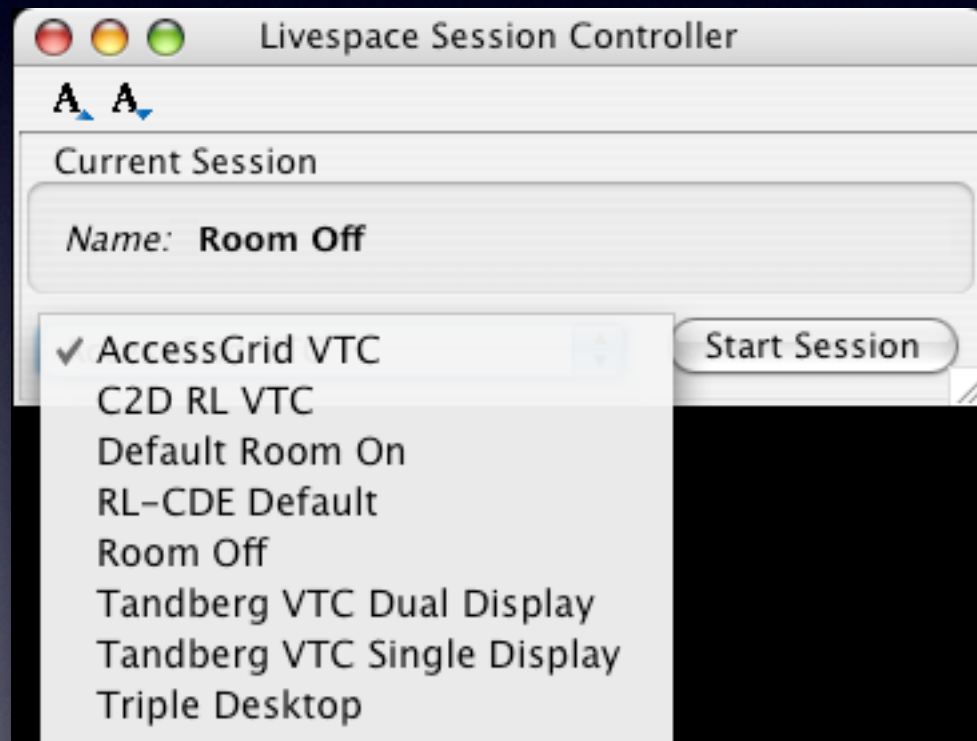
- * OSGi admin
- * Added Restart bundle option
- * Error message if 'Add bundle' fails
- * ConferenceXP
- * Skype
- * Updated installation manual to reflect new deployment/config structure
- * Various quotes for new purchases

Derek

- * File ticket for dynamically changing shared screen size by sizing window
- * Looked at using fesitval, decided no improvement
- * work on unfunded requirements
- * quotes, ideas, etc
- * ordered new PCs/equipment for Braccettos to support CFBLNet
- * learned how to use Skype & Conference XP
- * Finished set up of MacMini in ICS – working fine, nice and quiet
- * Helped Dave with ScreenSharing stuff
- * Minor screen sharing fix to do with server failing to run
- * new RealSpeak licence for review
- * Denise's recommendation: take it

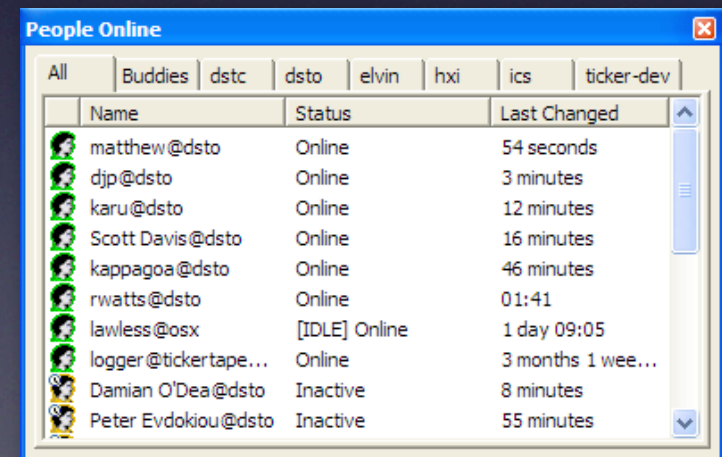
Session Controller

Quickly set current session



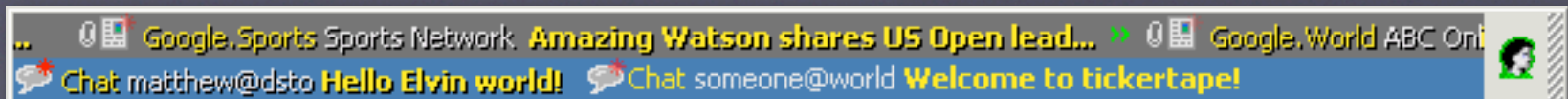
Sticker

- Text messaging and virtual presence
- Uses combination of ticker and conventional messages window display



The screenshot shows a window titled "People Online" with a blue header. Below the header is a tabbed interface with tabs for "All", "Buddies", "dstc", "dsto", "elvin", "hxi", "ics", and "ticker-dev". The "All" tab is selected, displaying a table of online users. The table has three columns: "Name", "Status", and "Last Changed".

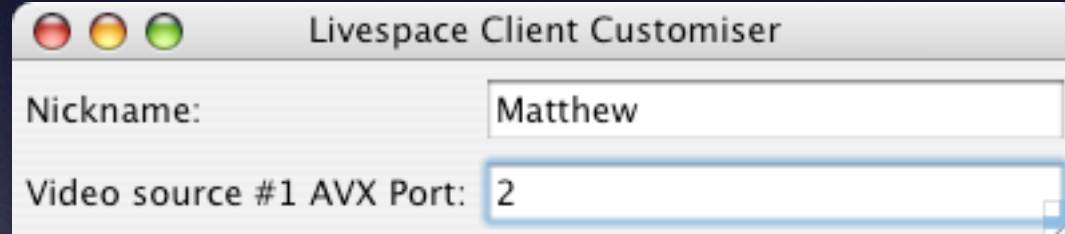
Name	Status	Last Changed
matthew@dsto	Online	54 seconds
djp@dsto	Online	3 minutes
karu@dsto	Online	12 minutes
Scott Davis@dsto	Online	16 minutes
kappagoa@dsto	Online	46 minutes
rwatts@dsto	Online	01:41
lawless@osx	[IDLE] Online	1 day 09:05
logger@tickertape...	Online	3 months 1 wee...
Damian O'Dea@dsto	Inactive	8 minutes
Peter Evdokiou@dsto	Inactive	55 minutes



The screenshot shows a system tray with a chat ticker. The ticker displays two messages: "Chat matthew@dsto Hello Elvin world!" and "Chat someone@world Welcome to tickertape!". The messages are displayed in a blue bar with a white background for the text.

Client Settings

Quickly set commonly-changed client info



The image shows a screenshot of a software window titled "Livespace Client Customiser". The window has a standard macOS-style title bar with three colored buttons (red, yellow, green) on the left. Below the title bar, there are two input fields. The first field is labeled "Nickname:" and contains the text "Matthew". The second field is labeled "Video source #1 AVX Port:" and contains the number "2". The second field is highlighted with a blue border, indicating it is the active input field.

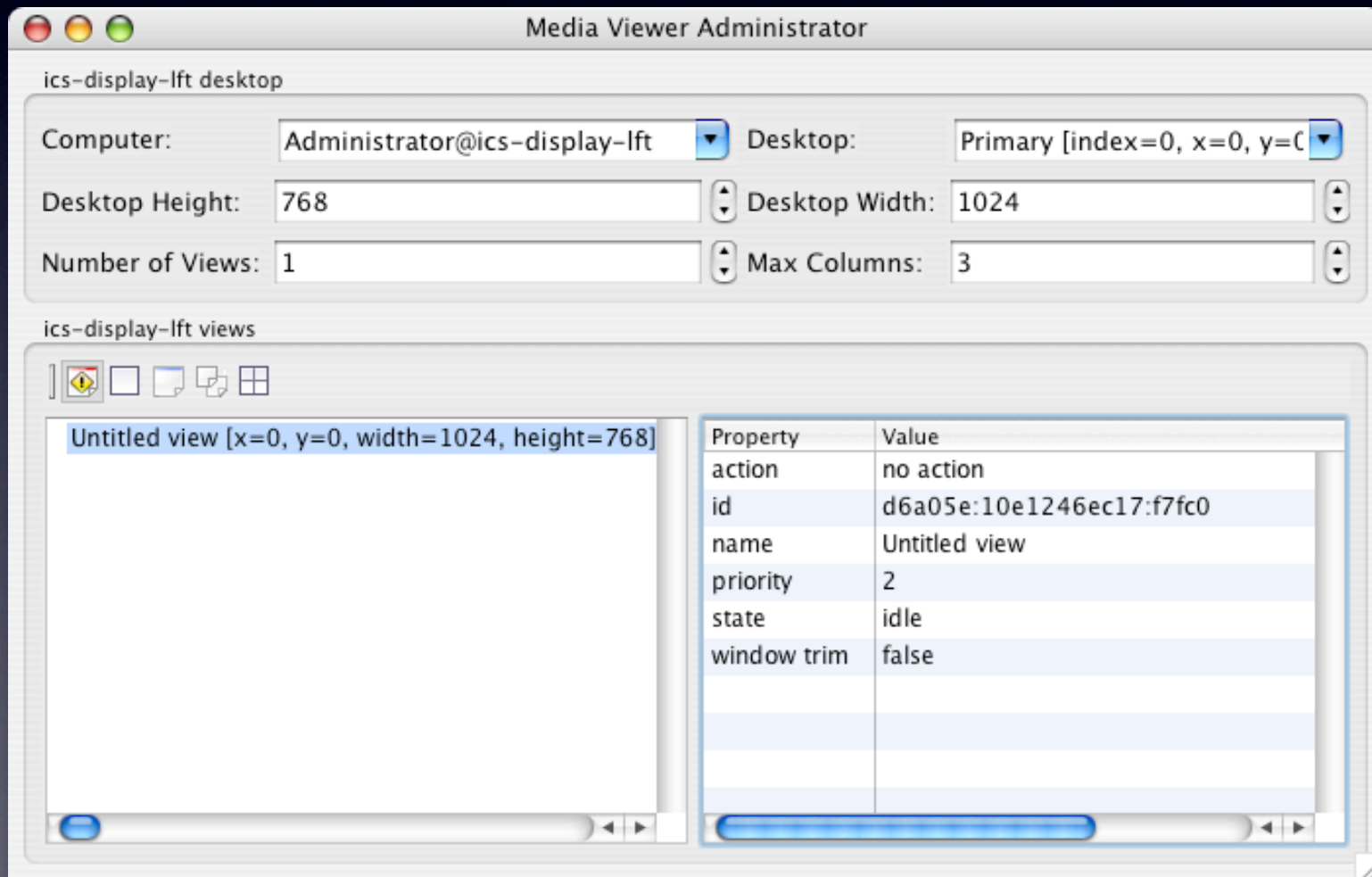
Nickname:	Matthew
Video source #1 AVX Port:	2

Livepoint

- Livepoint allows mouse to jump to a remote screen
- Keyboard and mouse events sent to remote screen until jumped back
- Usually set so that top corner of client PC's jumps to centre shared display

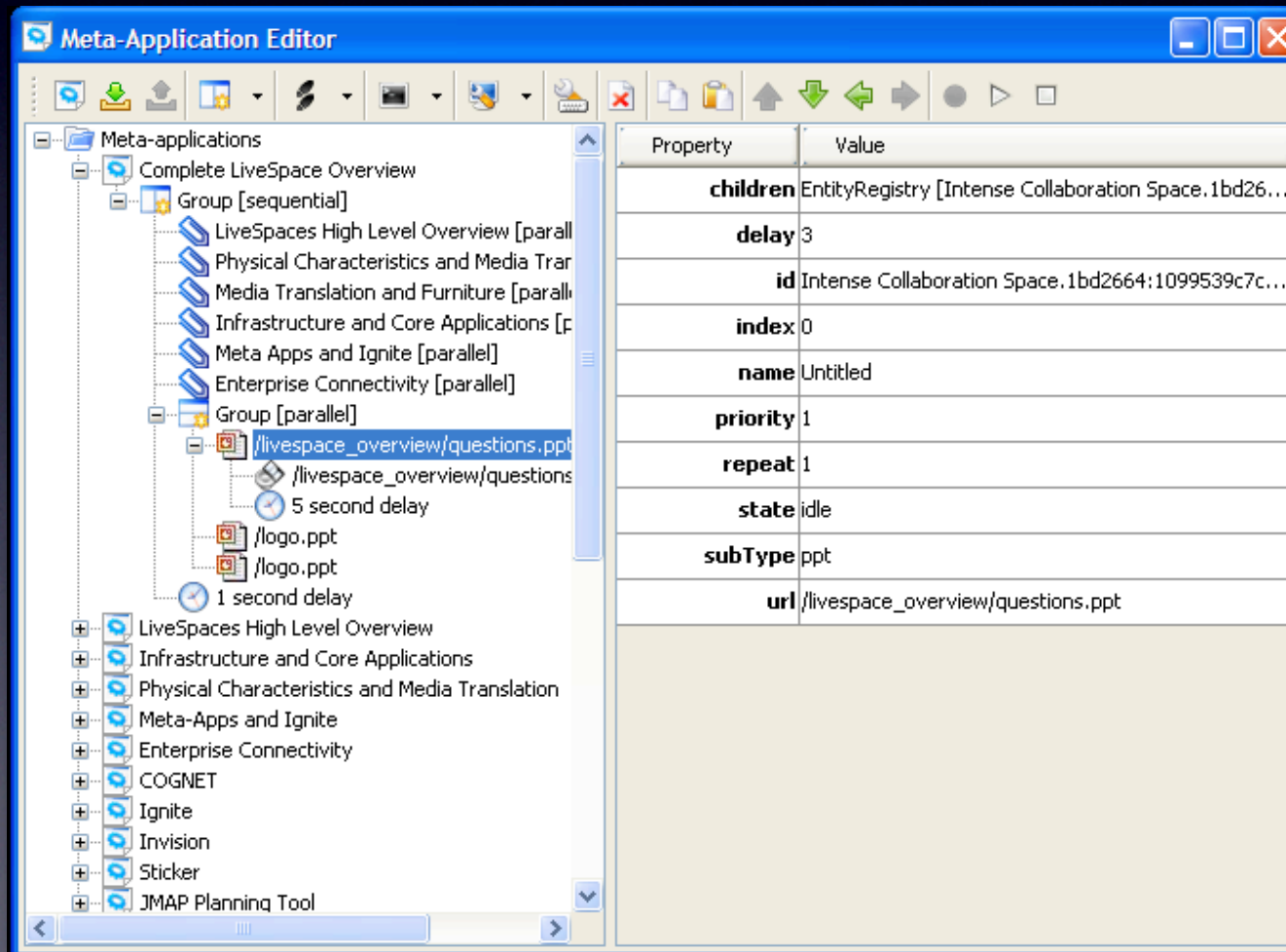
Media Viewer

Set up viewer windows for meta apps



Meta App Editor

Edit meta application presentations



The screenshot displays the Meta-Application Editor interface. The left pane shows a hierarchical tree of meta-applications. The right pane shows a table of properties for the selected item.

Meta-applications

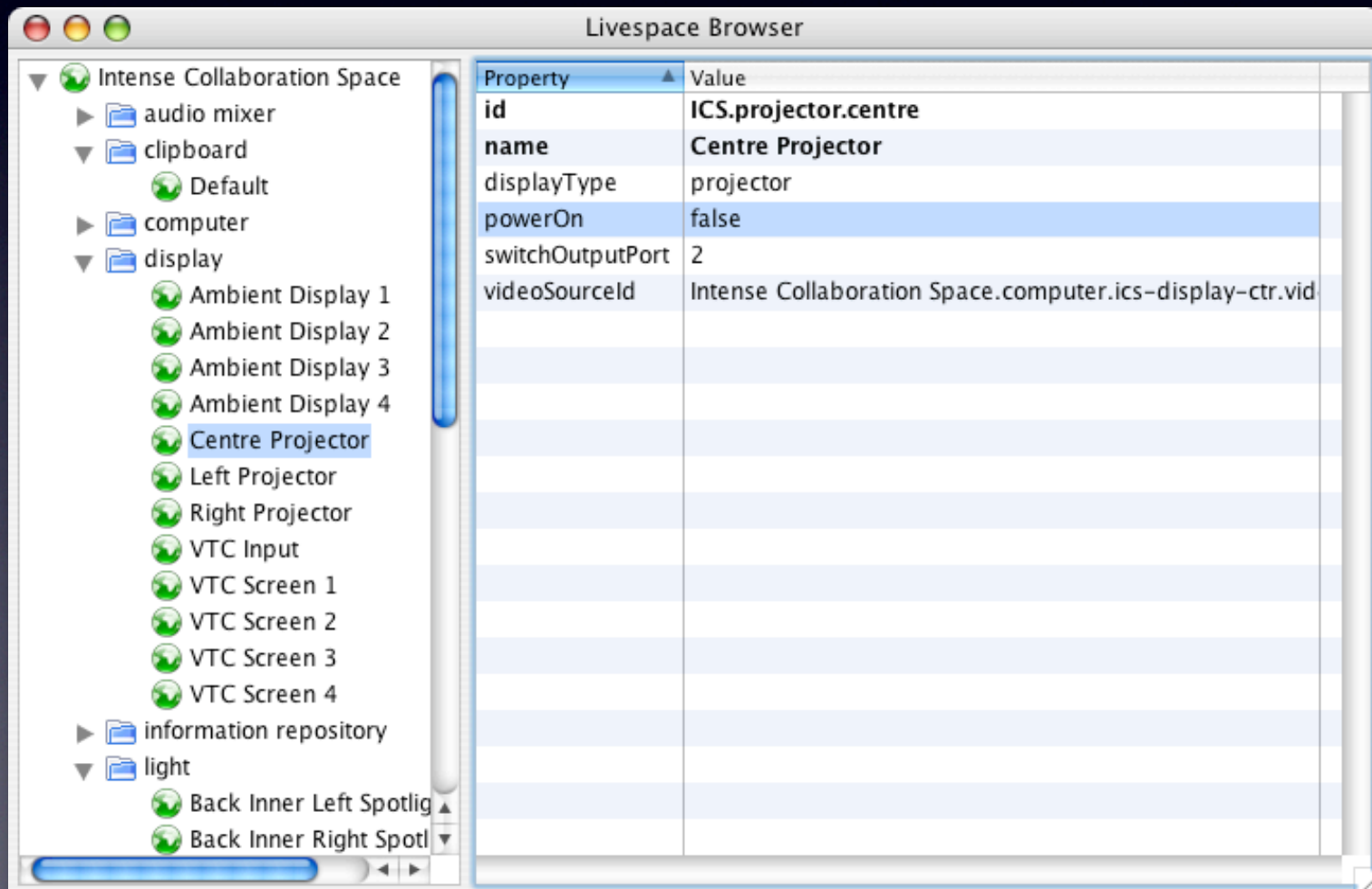
- Complete LiveSpace Overview
 - Group [sequential]
 - LiveSpaces High Level Overview [parallel]
 - Physical Characteristics and Media Translation [parallel]
 - Media Translation and Furniture [parallel]
 - Infrastructure and Core Applications [parallel]
 - Meta Apps and Ignite [parallel]
 - Enterprise Connectivity [parallel]
 - Group [parallel]
 - /livespace_overview/questions.ppt
 - /livespace_overview/questions
 - 5 second delay
 - /logo.ppt
 - /logo.ppt
 - 1 second delay
 - LiveSpaces High Level Overview
 - Infrastructure and Core Applications
 - Physical Characteristics and Media Translation
 - Meta-Apps and Ignite
 - Enterprise Connectivity
 - COGNET
 - Ignite
 - Invision
 - Sticker
 - JMAP Planning Tool

Property Value

Property	Value
children	EntityRegistry [Intense Collaboration Space.1bd26...
delay	3
id	Intense Collaboration Space.1bd2664:1099539c7c...
index	0
name	Untitled
priority	1
repeat	1
state	idle
subType	ppt
url	/livespace_overview/questions.ppt

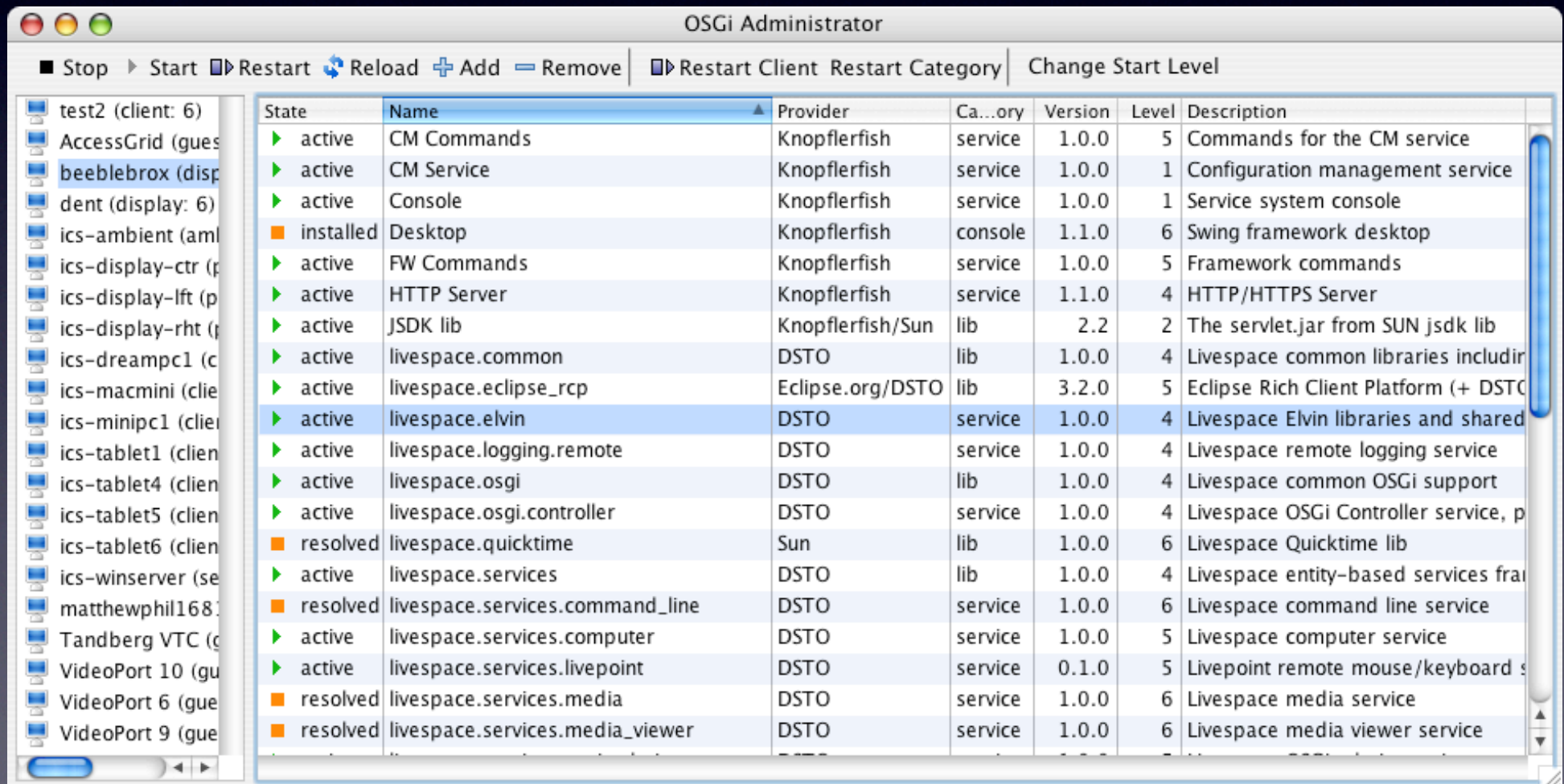
Service Browser

View and edit entities in the room



OSGi Administration

Control Livespace software components



The screenshot shows the OSGi Administrator window with a toolbar at the top containing buttons for Stop, Start, Restart, Reload, Add, Remove, Restart Client, Restart Category, and Change Start Level. On the left is a tree view of bundles, and on the right is a table of bundle details.

State	Name	Provider	Category	Version	Level	Description
▶ active	CM Commands	Knopflerfish	service	1.0.0	5	Commands for the CM service
▶ active	CM Service	Knopflerfish	service	1.0.0	1	Configuration management service
▶ active	Console	Knopflerfish	service	1.0.0	1	Service system console
■ installed	Desktop	Knopflerfish	console	1.1.0	6	Swing framework desktop
▶ active	FW Commands	Knopflerfish	service	1.0.0	5	Framework commands
▶ active	HTTP Server	Knopflerfish	service	1.1.0	4	HTTP/HTTPS Server
▶ active	JSDK lib	Knopflerfish/Sun	lib	2.2	2	The servlet.jar from SUN jsdk lib
▶ active	livespace.common	DSTO	lib	1.0.0	4	Livespace common libraries including
▶ active	livespace.eclipse_rcp	Eclipse.org/DSTO	lib	3.2.0	5	Eclipse Rich Client Platform (+ DSTO
▶ active	livespace.elvin	DSTO	service	1.0.0	4	Livespace Elvin libraries and shared
▶ active	livespace.logging.remote	DSTO	service	1.0.0	4	Livespace remote logging service
▶ active	livespace.osgi	DSTO	lib	1.0.0	4	Livespace common OSGi support
▶ active	livespace.osgi.controller	DSTO	service	1.0.0	4	Livespace OSGi Controller service, p
■ resolved	livespace.quicktime	Sun	lib	1.0.0	6	Livespace Quicktime lib
▶ active	livespace.services	DSTO	lib	1.0.0	4	Livespace entity-based services fram
■ resolved	livespace.services.command_line	DSTO	service	1.0.0	6	Livespace command line service
▶ active	livespace.services.computer	DSTO	service	1.0.0	5	Livespace computer service
▶ active	livespace.services.livepoint	DSTO	service	0.1.0	5	Livepoint remote mouse/keyboard s
■ resolved	livespace.services.media	DSTO	service	1.0.0	6	Livespace media service
■ resolved	livespace.services.media_viewer	DSTO	service	1.0.0	6	Livespace media viewer service

Summary

- Dashboard is the newest part of Livespaces
- Some things not integrated well yet
- Room control only minimally supported
- These issues are key target of forthcoming work