

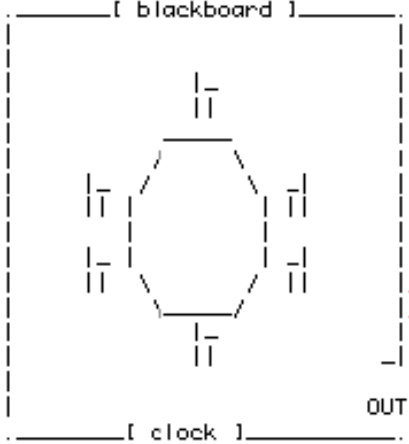
1996: Text-only MOO

Tapped In

NSF Meeting Room

A meeting room with a blackboard, table, chairs, and a clock.

[blackboard]



[clock]

Blackboard Commands:
WRITEB <stuff>
ERASEB <line>
MOVEB <line> to <line>
CLEANB
PRINTB

Floor Plan

OUT 2nd Floor Lounge

You see Table and Chair.
You see Patti standing about.
You see Dimensions of Education Reform Leadership (derl) (8 notes), Internet Technical Academy (ita), 21st Century Education (21st), and Leadership in School Reform (leader).
Mark waves

Your message has been sent.
Thomas seems to be dozing. He has been idle for 10 minutes now.
Thomas joins you.
Thomas arrives from nowhere.
Patti waves

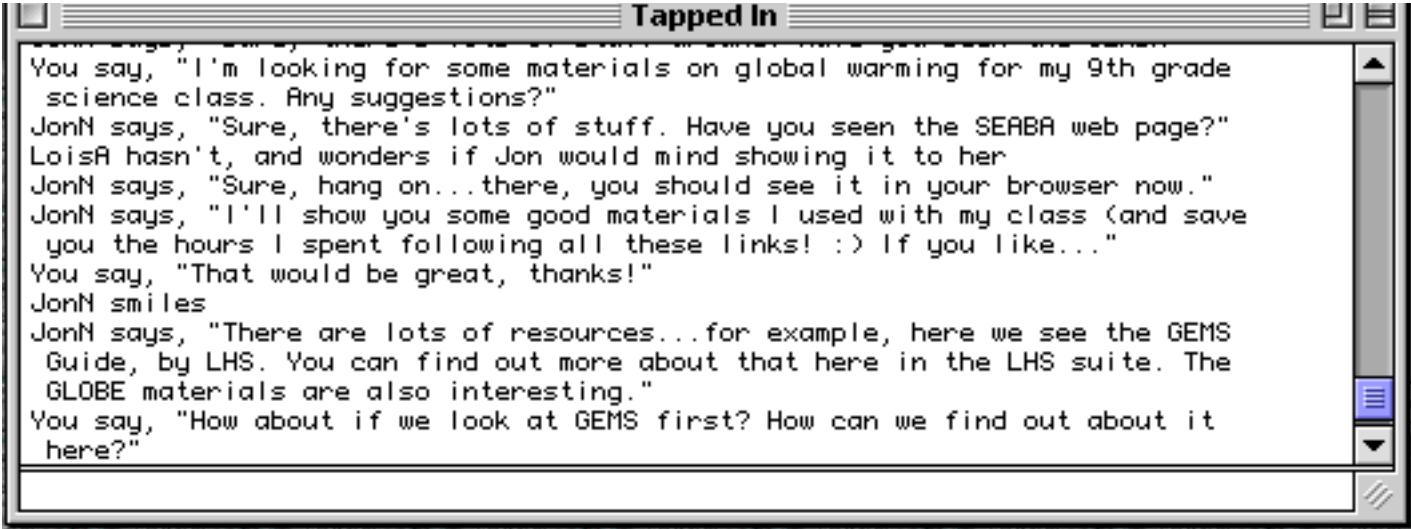
THOMAS says, "hi ..."

You [to Thomas]: "hi what are you up to?"

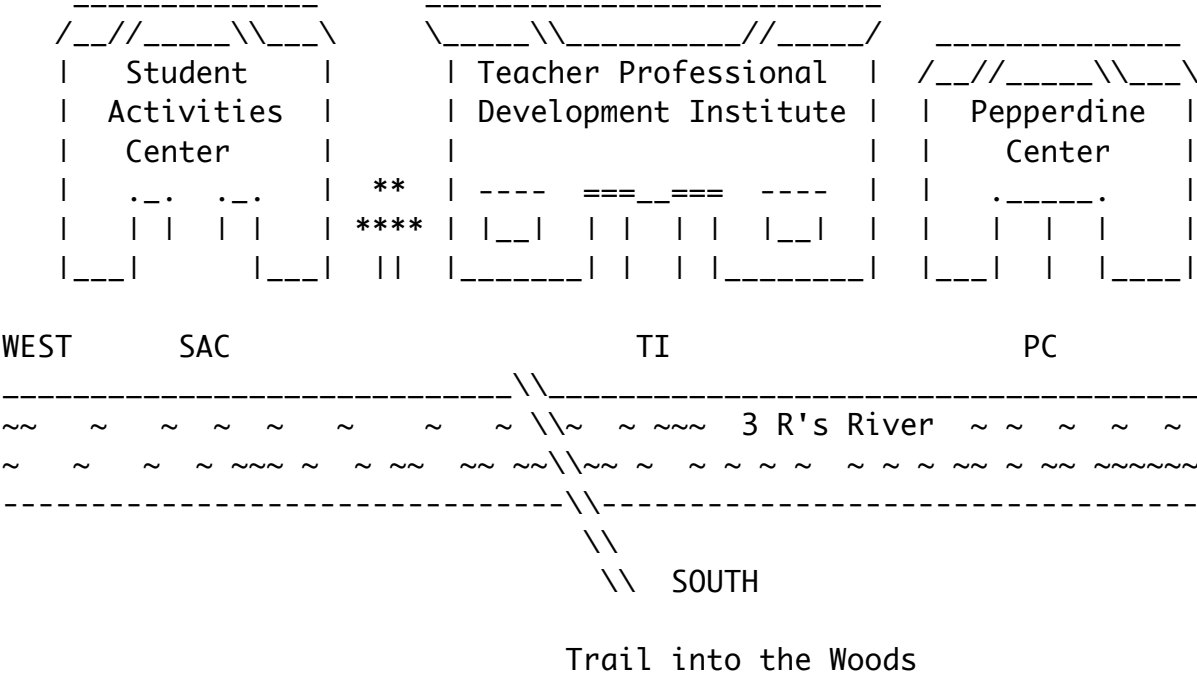
Input Field

**Room
Description**

Conversation



You walk out into the center of the campus. You see some construction going on at the Student Activities Center and the Pepperdine Center, and here more construction off to the west. A trail heads off to the south...



Text-Based WebViewer Example

David, Michael, and Mark are discussing plans to offer continuing education credits to teachers through on-line courses. David suggests they see how the INTEC Project conducts Web-based courses. Mark shares his Web Viewer with the others to jointly browse the INTEC Website.

Mark LOOKs at a WebViewer he created called Mark's Websites (mw).

Mark PICKs #5 to jump to (a text version of) the INTEC Website.

Mark tells Michael to LOOK at mw. Mark tells Michael how to jump to new pages ...

Michael jumps to the next page, which pops up on David's and Mark's screen.

Tapped In

MichaelS says, "we plan to work out a way for teachers to earn unit credit through their participation in on-line activities via TappedIn."
DavidW asks, "That's great. Have you seen anything about the INTEC professional development that the Concord Consortium is trying to run?"
DavidW says, "Heres the URL for INTEC <http://www.concord.org/intec/about.html>"
MichaelS asks, "A technical question, how can I most easily capture that URL?"
You say, "I have that on my WebViewer"

look mw

Mark's list of Websites
Type PICK <number> ON MW to follow a link, WATCH MW to watch as others browse, IGNORE MW to stop watching, RESET MW to reset to the top bookmark list, and POP MW to go up one level. For more info type HELP MW.
Mark's Websites (mw)
Remembered documents:
[1] NJ SSI Home Page
[2] Professional Development Sites
[3] LabNet Reflective Dialogues
[4] Eisenhower National Clearinghouse
[5] INTEC site

pick 5 on mw

If your client supported URL display, you would now see:
<http://www.concord.org/intec/about.html>

--1 of 5-----
[1][SMAP]-[2]menubar -About INTEC
* [3]COLLABORATORS
* [4]PARTNERS
The International Netcourse Teacher Enhancement Coalition In a Nutshell:
Goal:
To support teachers directly in implementing the use of student investigation in mathematics and science at the middle and high school levels by offering a set of network-based high quality netcourses linking participants with exemplary NSF curriculum development efforts.
(EDITED FOR THIS EXAMPLE)
--1 of 5----- 'next on Mark's Websites (mw)' for more -----

You [to michael]: "type LOOK MW. are you looking?"
MichaelS says, "Yeah, but I don't know how to move around their site; plus their text and you guys is all interspersed."
You [to michael]: "to turn the page type NEXT ON MW"
You [to michael]: to hyperlink to another page type **PICK # ON MW**

MichaelS looks at the next results on Mark's Websites (mw).
If your client supported URL display, you would now see:
<http://www.concord.org/intec/about.html>

--2 of 5----- 'prev on Mark's Websites (mw)' for previous-----
(EDITED FOR THIS EXAMPLE)
The INTEC Netseminar implements a novel hybrid model. The general container for the netseminar is delivered through a graphical browser. Face-to-face meetings at the site, as well as net based virtual study groups on-line, support both synchronous and asynchronous, reflective discussion.
--2 of 5----- 'next on Mark's Websites (mw)' for more -----

MICHAELS says, "From what I've read so far, we should take time to study what they are doing carefully for ideas."

Text-Based Whiteboard Example

Michael and Mark are brainstorming activities that could be conducted on-line. Michael suggests that they use the whiteboard in his office to write down the ideas they generate.

Mark sees that Michael is writing on the board and types LOOK BOARD to see what he wrote.

Mark writes on the board using the WRITEB command and the system informs the others in the room.

Michael prints a copy of the board to a note so he can erase the board without losing the contents.

```

Tapped In
MichaelS says, "OK. I want to brainstorm together on a whiteboard.
I've got one here in my office."
MichaelS says, "How do we start putting stuff on it."
You say, "type WRITEB blahhhhhhhhh and then press return"
MichaelS says, "OK, let's do brainstorm #2: Possible activities"
Mark nods
MichaelS writes on the whiteboard...
MichaelS writes on the whiteboard...
look board
===== WHITEBOARD =====
1) Activities
2) periodic meetings with guest speakers
=====
Commands: WRITEB <stuff>, ERASEB <*>, MOVEB <*> to <*>, CLEANB, PRINTB
Note: Anyone can write and erase the board, so PRINTB things you want to keep!
writeb on-line follow-ups to one-day workshops
Mark writes on the whiteboard...
MichaelS writes on the whiteboard...
MichaelS says, "Mark.. question"
writeb Michael's office hours
Mark writes on the whiteboard...
MichaelS asks, "Is there any way to run two windows, and have one always
update itself, without having to keep commanding LOOK?"
writeb posting and reviewing teachers plans
Mark writes on the whiteboard...
You say, "yes you can do that with the Web window, but not with text-only"
MichaelS says, "figured as much"

look board
===== WHITEBOARD =====
1) Activities
2) periodic meetings with guest speakers
3) on-line follow-ups to one-day workshops
4) "How to" sessions
5) Michael's office hours
6) posting and reviewing teachers plans
=====
Commands: WRITEB <stuff>, ERASEB <*>, MOVEB <*> to <*>, CLEANB, PRINTB
Note: Anyone can write and erase the board, so PRINTB things you want to keep!

MichaelS says, "Well, it is 4:30."
You say, "my how time flies"
MichaelS says, "OK.Now I want to make a copy of the whiteboard. Remind me how."
You say, "PRINTB"

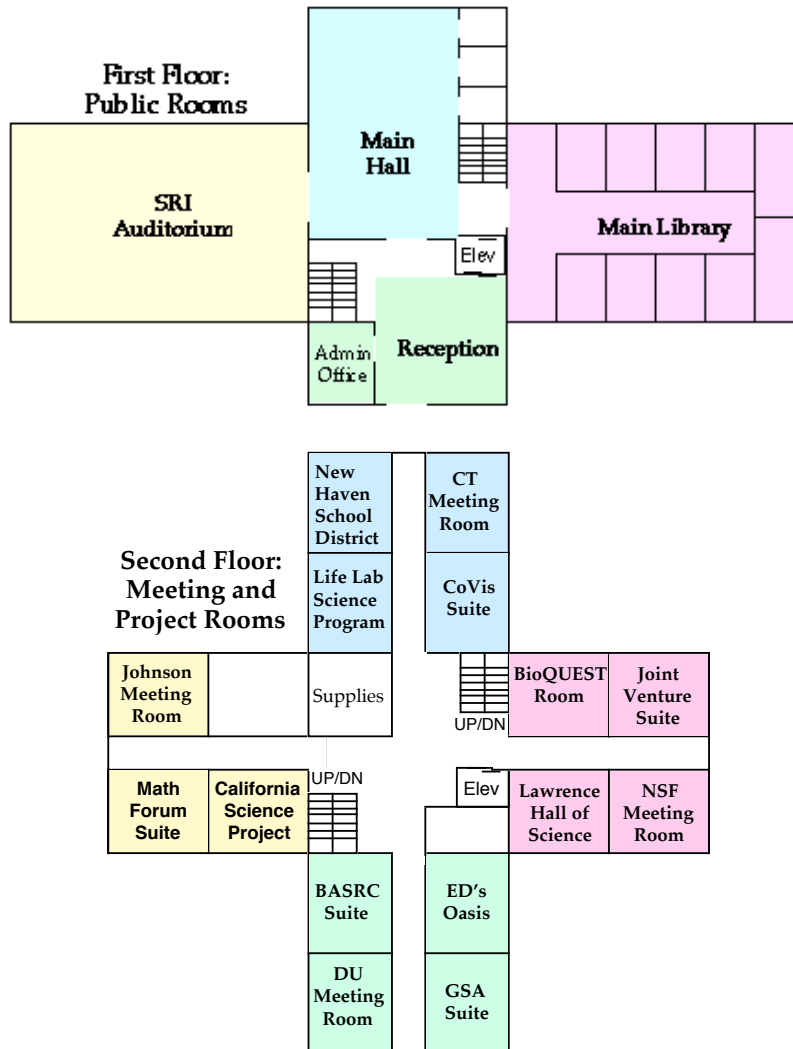
The printer begins to hum as MichaelS prints out data from MichaelS's Office..

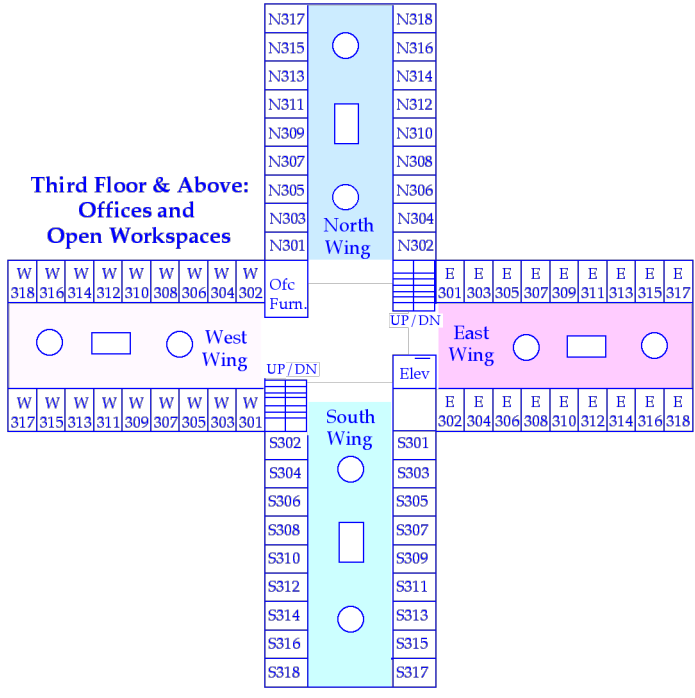
MichaelS asks, "Now, if we erase and start over, the copy stays put, as is?"
You say, "yes it stays"

```

1997-1998: Adding a Web-interface to the MOO

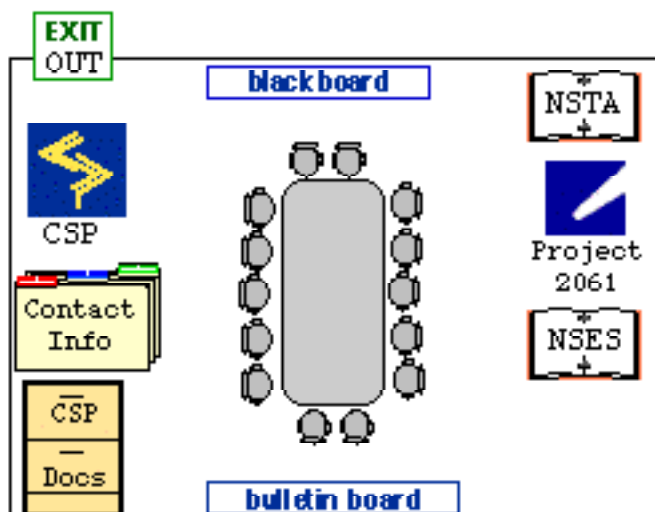
TAPPED IN Floorplan





You are at [California Science Project Room](#).

A room dedicated to projects related to the the California Science Project.
There are instructions on the bulletin board for how to use it (LOOK CBB).



[Update View \(LOOK\)](#)

[Command help](#)

[Floorplan](#)

[Notepad](#)

[My pockets](#)

[Who's logged in](#)

[What's new](#)

[Mail](#)

[Events](#)

[Home](#)

[Reception](#)

Who is here? [JonN](#), [LoisA](#), and [Patti \(idle\)](#)

What is here? [Equipment Cabinet](#), [California Science Project \(csp\)](#),

[AAAS Project 2061](#), [NSTA](#), [National Science Education](#)

[Standards \(nses\)](#), [CSP Bulletin Board \(cbb\) \(4 notes\)](#), [CSP](#)

[Contacts \(cspc\) \(13 notes\)](#), and [Internet Technical Academy \(ita\)](#)

TAPEstry-Based Note Example

Wendi edits her first year goal's note via the web interface.

Netscape: Welcome to Tappedin

Location: <http://moa.tappedin.sri.com:8000/>

Bulletin Board

GSA ESSTEP Suite

Who's logged in
What's new
Events

My pockets
Notepad
Mail

Reception
Floorplan
Home

Command help

Who is here? [Wendi, Sandra](#), helper [Patti](#), and helper [PattiWiz](#).

What is here? [Whiteboard](#), [Supplies](#), [Team 1 Bulletin Board \(bb1\) \(1 note\)](#), [Cheryl's Outline](#), [Bob's Individual Project Outline](#), [Wendi's First](#), [Year's Goals](#), and [Sandy's Note](#). [Plant, Table, and Chair](#).

...Editing [Wendi's First Year's Goals](#)

My objectives are twofold:
1) create a web page for my students and develop web-based image processing exercises (to include 3-D virtual fieldtrips) for both my geology and physical sciences courses, and
2) develop GPS and GIS integrated exercises that will emphasize data collection, presentation and critical thinking skills.
3) |

Save

[[edit](#) - [erase](#) - [read](#) - [look](#)]

[Top -- Focus](#)

TAPestry

View Configure

RobertB says, "I see them!"
Sandra say's, "Here's my goals, you can read them in private"
Sandra hands Sandy's Outline to WendiW
WendiW says, "I want to edit something, how do I do it from the web?"

Java Applet Window

TAPEstry-Based Whiteboard Example

Michael and Mark are brainstorming activities that could be conducted on-line. Michael suggests that they use the whiteboard in his office to write down the ideas they generate.

Netscape: Welcome to TappedIn

Location: <http://moe.tappedin.sri.com:8000/>

Whiteboard

Bulletin Board

EXIT GSA GSA ESCORT Suite

Who is here? helper Mark

What is here? [Whiteboard](#), [Team 6 Bulletin Board \(bb6\) \(0 notes\)](#) and [outline](#). Plant, Table, and Chair are empty.

Update View (LOOK) Focus

[Who's logged in](#)
[What's new](#)
Events

My pockets
Notepad
Mail

[Reception](#)
[Floorplan](#)
[Home](#)

[Command help](#)

[Task List](#)
[DONE! List](#)

Whiteboard

- 1 Activities
- 2 periodic meetings with guest speakers
- 3 on-line follow-ups to one-day workshops
- 4 "How to" sessions
- 5 Michael's office hours
- 6 posting and reviewing teachers plans

Erase All

Reload

write on whiteboard

input field

TAPEstry

View Configure

MichaelS writes on the whiteboard...

MichaelS says, "Mark.. question"

Mark writes on the whiteboard...

MichaelS asks, "Is there any way to run two windows, and have one always update itself, without having to keep commanding LOOK?"

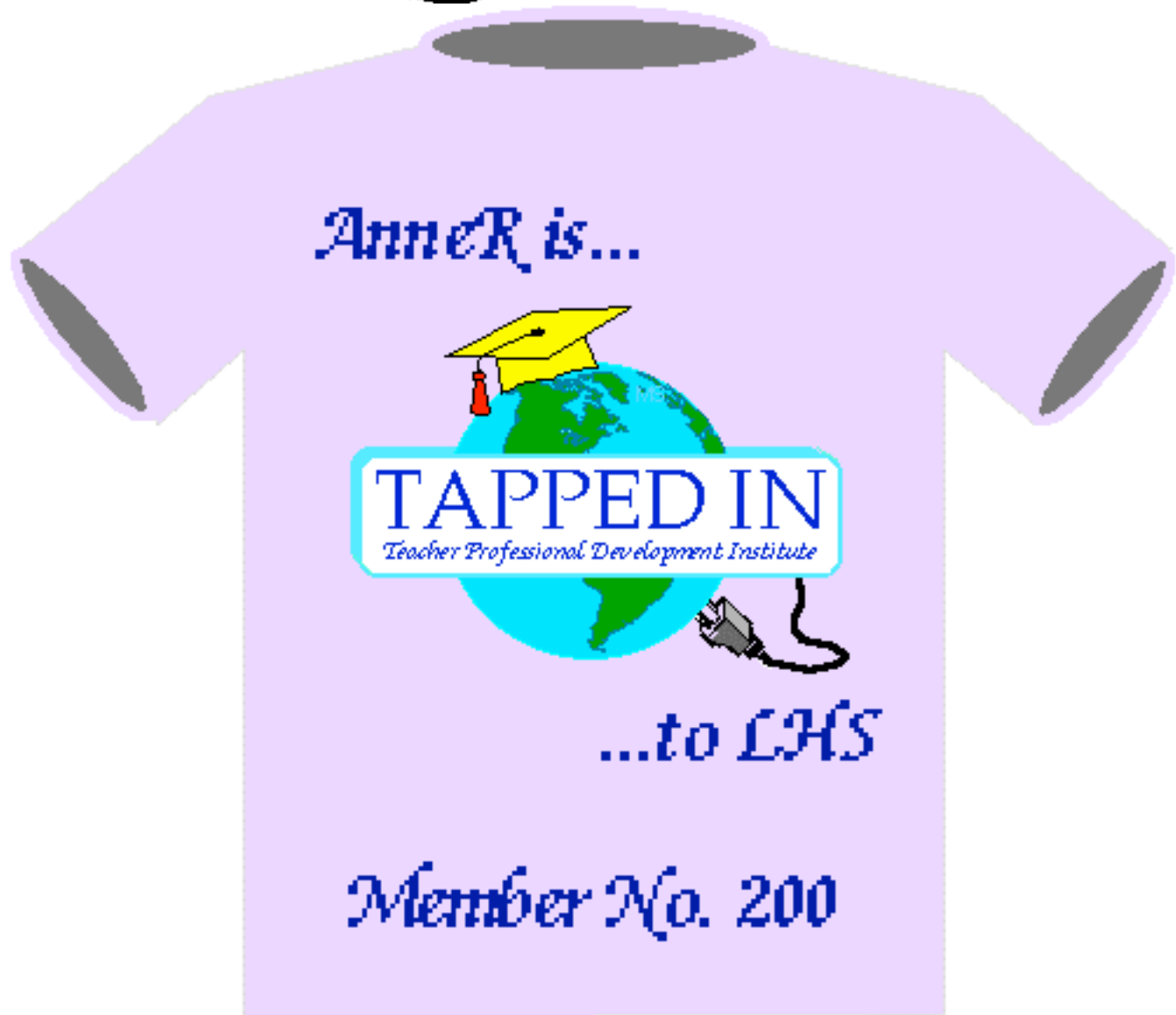
Mark writes on the whiteboard...

You say, "yes you can do that with the Web window, but not with text-only"

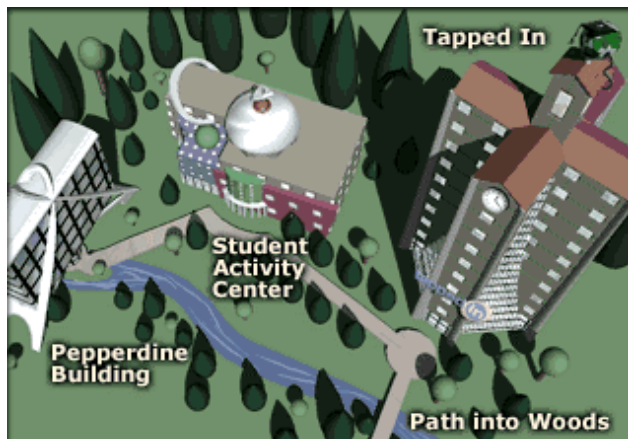
MichaelS says, "figured as much"

MichaelS says, "Well, it is 4:30."

Unsigned Java Applet Window



1998-2000: Redesigned to reduce windows, improve look, focus attention



(Click to teleport)

Tapped In 1st Floor

- Reception
- Cafe Oasis
- Main Library
- New Members
- SRI Auditorium
- After School Online

Tapped In 2nd Floor

- New Haven
- ICONnect
- LACOE
- Schwab
- IRL Math
- BLT
- DoDEA
- ED's Oasis
- PREPTECH
- Pepperdine Building
- Lennox
- Kentucky
- Math Forum
- PALS
- MOT
- J.V.
- LHS
- NCREL
- Student Activity Center
- Tapped In
- Campus Center

Upper Floors:

3rd	4th	5th	6th	7th	8th	9th
10th	11th	12th	13th	14th	15th	
16th	17th	18th	19th	20th		

TAPPED IN

tapped in calendar email groups help update

campus map who's online my items new note supplies

you are here who's here what's here

The HelpDesk is staffed 8am-6pm PST. Type BEEP [name] (e.g., BEEP Judi) for help, or email contactus@tappedin.org

who's here what's here

Carolah Mark

helper Judi

Kari

BJB

TAPestry preferences pasteboard logout detach

You say, "no, just looking around... thanks."


You get Note_32989 from the vending machine.
 Type INVENTORY to see your new Note_32989, and LOOK Note_32989 to learn how to use it. To rename your Note_32989, type RENAME Note_32989 TO newname.
 Type DROP Note_32989 to drop it, and TRASH Note_32989 to delete it.
 Hunter has connected.
 BJB [to Carol]: "did you want a tour? Or did you have any questions on how to use TI?"
 Carolah says, "I'll take everything..."




SAY

> more commands



you are here

(Click  to erase indicated line)

-  1 Whiteboards are editable by anybody.
-  2 Thus you should NOT place homework assignments there.
-  3 Use bulletin board instead.

Type your message below, then click

[[reload](#) - [print to note](#) - [erase all](#)]



[calendar](#) [email groups](#) [help](#) [update](#)

[campus map](#) [who's online](#) [my items](#) [new note](#) [supplies](#)

[view map](#)

[who's here](#) [what's here](#)

(Click to teleport)

[home](#)

Tapped In 1st Floor

Reception
Cafe Oasis
Main Library
New Members
SRI Auditorium
After School Online

Student
Activity
Center

Tapped In

Pepperdine
Building

Campus
Center

Tapped In 2nd Floor

New Haven	IRL Math	Lennox	MOT
ICONnect	BLT	Kentucky	J.V.
LACOE	DoDEA	Math Forum	LHS
Schwab	ED's Oasis	PALS	NCREL
	PREPTECH		WebCT

Upper Floors:

3rd	4th	5th	6th	7th	8th	9th
10th	11th	12th	13th	14th	15th	
16th	17th	18th	19th	20th		



Judi-2

2001-present: Complete redesign of underlying technology and interface (moving off of MOO platform to Java-based web application) and addition of many new tools and services



The screenshot shows the Tapped In web application interface. At the top, there's a browser window with the URL <http://tappedin.org/tappedin/do/WelcomeAction?controller=cc>. The page has a navigation bar with links for **Me**, **ChemSense**, **Tapped In**, **Help**, **Search**, and **Logout**. Below this, there's a section for **You are in Tapped In Reception** with a **Room View** button and a **Go!** button. A menu bar includes **About**, **People**, **Places**, **Groups**, **Calendar**, **Jobs**, and **Tenants**.

The main content area is titled **Tapped In Campus Map** and includes the text: "Click on one of the buildings to go the Reception Room of that building." Below this is a 3D isometric map of the campus with buildings labeled: **CLMER**, **MPS**, **APU**, **chemSense**, **ACCESS**, **Tapped In Center**, **DWoK**, **Pepperdine**, **NETTS**, **NWP**, and **TLA**. A red location pin is placed on the **K-12 Student Campus** building.

At the bottom, there's a chat window titled **You are in TI_Reception, TappedIn campus**. It shows a list of users on the left and a chat log on the right. The chat log contains the following messages:

- hjh**: official visit?
- ColinH** entered the room.
- ColinH** left the room
- PattiS** waves
- PattiS**: taking a screen shot :)
- BJB** nods. Sit up straight, Venny!
- PattiS**: hah
- VennyS** waves hi to Patti


The chat window also includes a **Refresh** button and a **Say** button.

Tapped In

TI <http://tappedin.org/tappedin/do/WelcomeAction?controller=cc> Google

tapped in Me ChemSense Tapped In Help Search Logout

You are in Tapped In Reception Tapped In Reception Go!



Welcome

[In This Building](#)

[On This Floor](#)

[Notes](#)

[Files](#)

[Links](#)

[Discussion](#)

[Whiteboard](#)

[Passageways](#)

[edit room](#)

Tapped In Reception : Welcome

Hi PattiS! From the **Me** tab above, you can access your groups, read saved messages, edit your buddies, change your personal settings and more.

Display all of this room's resources (notes, files, and links) as a [text file](#) in a new window.

Welcome to Tapped In

HelpDesk staff are often here 8am-8pm PST to answer questions. We also invite you to:

- Learn about the Tapped In interface at <http://tappedin.org/interfaceguide/>
- If you are a guest and would like to see the online events advertised on our calendar in your time zone, go to <http://tappedin.org/tappedin/do/CalendarAction?state=displayExtCalendar> Use the drop down menu to set the time zone.
- Find answers to questions (like problems with chat) on our FAQ page at <http://tappedin.org/faq/>
- Send questions to us at <http://tappedin.org/contact/>

This is the reception room for the Tapped In Community Center.

From the [Campus Map](#), you can go to other buildings on the Tapped In campus.

In [Tapped In: People](#), you'll find a listing of all Tapped In members.

You can browse a list of all the [floors in this](#)

Featured Passageways

Use these links to get to rooms where the ASO calendar discussions and Festival 2004! events are held.

- [After School Online](#)
After School Online (ASO) events (publicized on the calendar) take place here.
- [Arcade Conference Room](#)
A public conference room available for use by Tapped In members.
- [Comfy Conference Room](#)
A public conference room available for use by Tapped In members.
- [Hot Tub Conference Room](#)
A public conference room available for use by Tapped In members.
- [On Tap Cafe](#)
A cafe where any drink you want is prepared and served perfectly.
- [Tree House Conference Room](#)
A public conference room available for use by Tapped In members.

You are in TI_Reception, Tappedin campus Actions...

Here	Online	Chat
AbirA	SmartMobs_Grp	PattiS: taking a screen shot :)
AnaS	AVLN_Grp	BjB nods. Sit up straight, Venny!
BJB2	BJB2_Ofc	PattiS: hah
BjB	TI_Reception	VennyS waves hi to Patti
ClaraMA	MichelleW1_Ofc	PattiS: you'll be famous! :)
JanineL	AVLN_Grp	VennyS grins
		PattiS: I'm giving a talk at Berkeley in a couple of weeks
		PattiS: and wanted a recent screen shot

11 users Refresh Say

Tapped In

tapped in

Me ChemSense Tapped In Help Search Logout

You are in Tapped In 2 Reception Favorite Places... Go!

1

Tapped In 2 Reception : Welcome

Hi PattiS! From the Me tab above, you can access your groups, read saved messages, edit your buddies, change your personal settings and more.

3

Welcome to Tapped In Version 2.0

Our user Code of Professional Conduct is under Notes (on the left). Use the Campus Map or Featured Passageways note below to move to tenant building reception rooms. This is the reception room for the Tapped In Community Center.

From the Campus Map, you can go to other buildings on the Tapped In campus.

In Tapped In: People, you'll find a listing of all Tapped In members.

Floors

- 1 Browse the rooms [on this floor](#)
- 2 [Tapped In Groups Lobby](#)
- 3 [Tapped In Offices Lobby](#)

4

Featured Items

Links

- [Tapped In After School Online Event Calendar](#)

Featured Passageways

Take a look at these:

- [APU Reception](#)
A welcoming room for all APU members (APU)
- [After School Online](#)
After School Online
- [Arcade Conference Room](#)
A public conference room available for use by Tapped In members.
- [Comfy Conference Room](#)
A public conference room available for use by Tapped In members.
- [DWoK Reception](#)
A welcoming room for all Different Ways of Knowing members (DWoK)
- [Hot Tub Conference Room](#)
A public conference room available for use by Tapped In members.
- [MPS Reception](#)
A welcoming room for all MPS members (MPS)
- [On The Cafe](#)

5

6

7

8

Here Online You are in TI_Reception Actions...

BjB
BridgetH
CaseyB
GaryNB
JanP
JeffC
Total: 8

PattiS entered the room.
BjB entered the room.
BjB waves hi
PattiS: hi!
PattiS: smile for the camera :)
BjB smiles

What you and others say appears here

To talk, click here, type, and press return

Say