

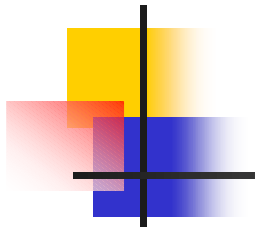
Curriculum Resources in Interactive Multimedia (CRIM)

<http://www.cstc.org/~crim>

ACM Multimedia'99

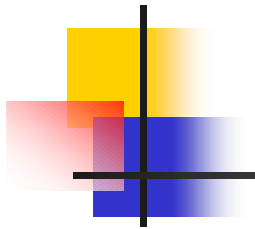
Orlando, Florida - Nov. 2, 1999

Edward Fox (VT), Rachelle Heller (GWU),
Anna Long (GWU), David Watkins (VT)



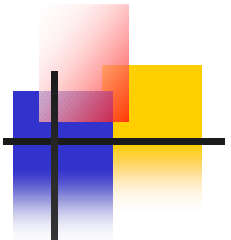
Pressures for Multimedia Education

- Many disciplines claim multimedia
 - Communications, Computer Science
 - Educational Software/Technology
 - Electrical & Computer Engineering, Electronics
 - (Computer) Graphics, HCI, Media Arts, ...
- Many different pedagogical techniques presented and outcomes sought



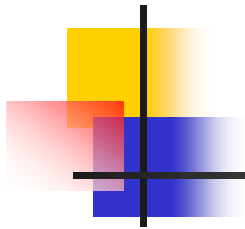
Emerging Requests for Education on MM

- Benefits will go to teachers (who have more to build upon) and students (who will have a richer environment for learning)
- MM field needs properly trained personnel
- Support this with resources + curricula
- Together these help us move toward a DL for MM -> CS -> SMETE -> NSDL - NSF DUE (~\$50M funding will be announced soon ...)



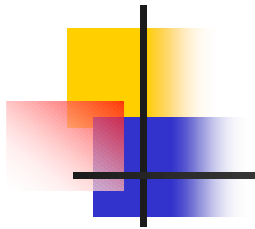
CRIM as a Digital Library

| | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|-------------------|---|---------------|---|----------------|---|----------------------|---|----|---|----------------------|---|------------|---|--------------------------|---|--------------------------|---|----------------------|---|
| Topics | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | |
| Overview | * | Multimedia Design | * | Human Factors | * | Data Structure | | Software Engineering | | AI | | Programming Language | | Algorithms | | Natural Lang. Processing | | Ethics and Social Issues | * | Hardware Development | * |
| Culture | * | | * | | * | | | | | * | | | | * | | * | | * | | | |
| Media | * | | * | * | * | | | | | * | * | * | * | * | * | * | | * | | * | * |
| Production | * | | * | | * | | * | * | | | * | * | * | * | * | * | * | * | | * | * |
| Maintenance | * | | | | * | | * | | | * | | | * | * | * | * | * | * | | * | * |
| Distribution | * | | * | | * | | | | * | * | | | | * | * | * | * | * | * | * | * |



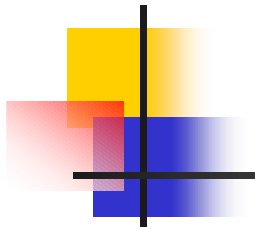
Use of Metadata Tags

| Top Level | Second Level |
|-------------|---|
| Data | Numeric, Spatial, Spectral, Statistical, Structured-text |
| Image | Graphic, Photographic |
| Interactive | Chat, Games, Multimedia, VR |
| Moving | Animation, Video |
| Sound | Ambient, Effect, Music, Narration, Speech |
| Software | Executable, Source |
| Text | Article, Monograph, Proceedings, TechReport, Serial, Syllabus, Thesis (Bachelors, Masters, Doctoral), Typography |



Distributed Repositories

- Remote Instructional Authoring and Distribution Network for Europe
<http://ariadne.unil.ch>
 - Development of tools and methodologies for producing, managing and reusing computer-based pedagogical elements and telematics supported training curricula.



Other Distributed Repositories

- IEEE Learning Technology Standards
 - Standards, recommended practices, and guides for software components, tools, technologies and design methods for the computer implementations of education and training components
 - <http://ltsc.ieee.org/ltsc>
- Tele-Learning TO Project
 - Integrating 'telematics' into courses
<http://teletop.edte.utwente.nl>



What is CRIM

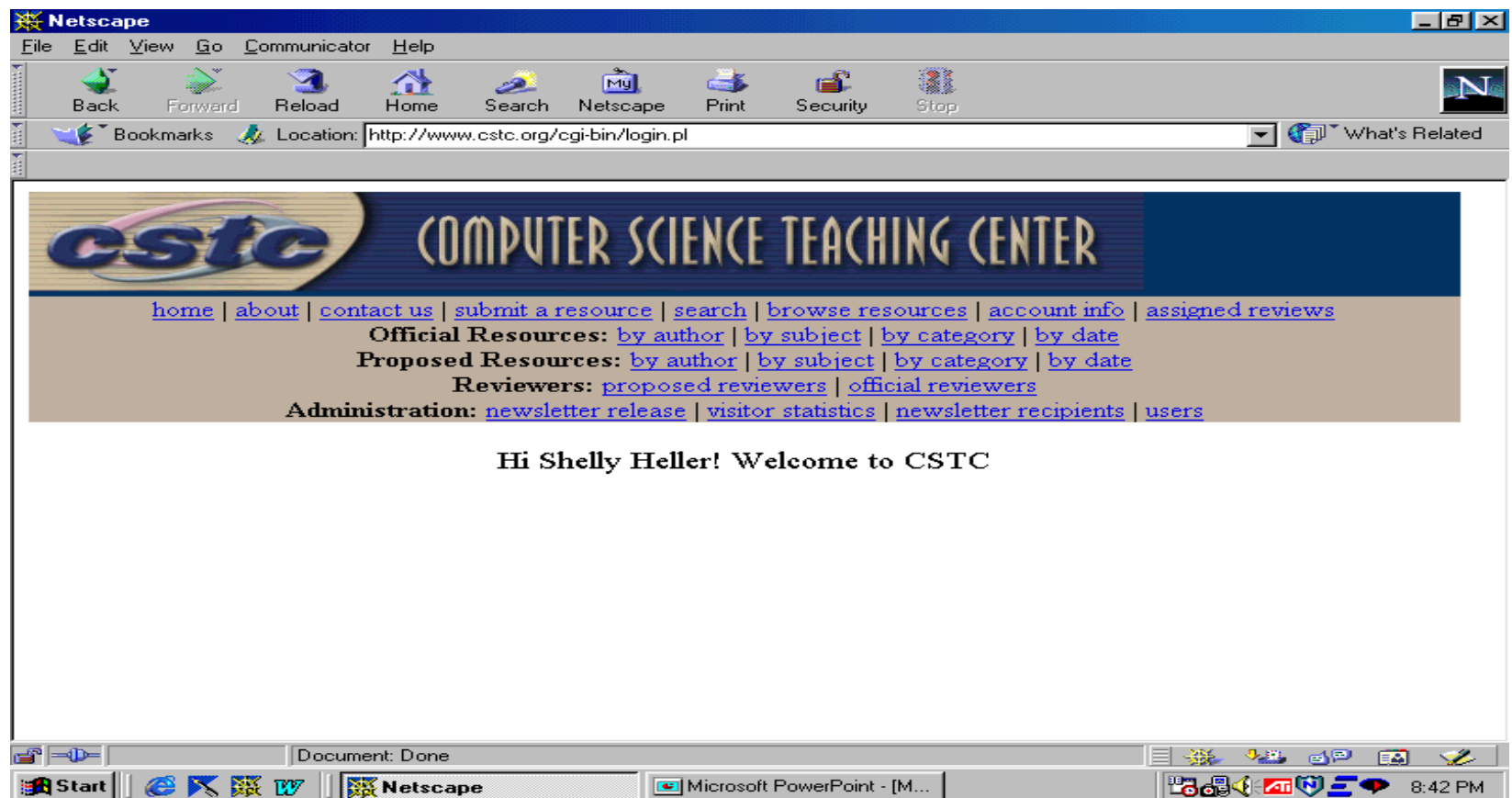
- NSF Division of Undergraduate Education
- ACM: Education Board, SIGCSE, SIGMM
- CSTC: Deborah Knox, Scott Grissom(, Fox)
- Computer Science Teaching Center
- www.cstc.org
- www.cstc.org/~crim
- Curriculum Resources in Interactive Multimedia



Why Does CRIM Exist

- Collect, review, make available
- Encourage developing resources
- Encourage sharing of syllabi
- Work together to develop a “union syllabi”, publish guidelines
- Dagstuhl meeting June 2000

Logging In



Submitting to CRIM - Choosing a Topic

The screenshot shows a Netscape browser window titled "CSTC - Computer Science Teaching Center - Netscape". The address bar shows the URL "http://www.cstc.org/cgi-bin/submit". The browser's toolbar includes buttons for Back, Forward, Reload, Home, Search, Netscape, Print, Security, and Stop. Below the toolbar, there is a Bookmarks button and a Location field. The main content area of the browser displays a form titled "Resource Information".

Resource Information

Required: The fields within this section are all required. You will not be able to submit this form without filling in all of the elements.

Title:

Syllabus

Type of Resource: Choose as many categories that are appropriate for the resource being submitted. Hold the shift or control key while clicking the mouse to make multiple selections.

Multimedia
Laboratories
Visualizations

ACM Subject Classification: Choose a list of subjects that describe the resource. Hold the shift or control key while clicking the mouse to make multiple selections.

The browser's status bar at the bottom shows the taskbar with icons for Start, Microsoft Word, Microsoft Word, CSTC, Tera Term, and Solitaire. The system clock in the bottom right corner indicates the time is 7:47 PM.

What's Available

CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Stop

Bookmarks Location: http://www.cstc.org/cgi-bin/list_all.pl?sort_by=category&editor=editor&type=proposed What's Related

Multimedia

- [Self-Study Digital Library Courseware](#)
Author: [Edward Fox](#)
Date: 05-23-1999
Category: Multimedia
Subject: Information Systems - Database Management, Information Storage and Retrieval, Information Systems Applications
- [Multimedia 99 Demo](#)
Author: [Pat Smith](#), [Steve Miller](#), [Joe Scott](#)
Date: 10-23-1999
Category: Multimedia
Subject: Information Systems - Models and Principles, Information Storage and Retrieval
- [Soimrhuiioee](#)
Author: [Yogesh Chobe](#)
Date: 09-15-1999
Category: Multimedia
Subject: General Literature - Miscellaneous
- [Vorticity Animation](#)
Author:
Date: 08-07-1999
Category: Multimedia

Document: Done

Start | | | | CSTC - Computer Sci... | Microsoft PowerPoint - [M...]

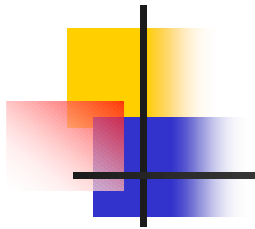
8:43 PM

What Else

The screenshot shows a Netscape browser window titled "CSTC - Computer Science Teaching Center - Netscape". The address bar displays the URL: http://www.cstc.org/cgi-bin/list_all.pl?sort_by=category&editor=editor&type=proposed. The main content area lists four items, each with a link, author, date, category, and subject:

- [Vorticity Animation](#)
Author: [unspecified]
Date: 08-07-1999
Category: Multimedia
Subject: Computing Methodologies - Computer Graphics
- [CSC 475 Fall 1998 Syllabus](#)
Author: [Ronald Vetter](#)
Date: 05-29-1999
Category: Multimedia
Subject: Computing Methodologies - Miscellaneous
- [CS294-1 Fall 1998 Reading List](#)
Author: [Lawrence Rowe](#)
Date: 05-29-1999
Category: Multimedia
Subject: Computer Applications - Miscellaneous
- [CS294-1 Fall 1998 Syllabus](#)
Author: [Lawrence Rowe](#)
Date: 05-29-1999
Category: Multimedia
Subject: Computer Applications - Miscellaneous

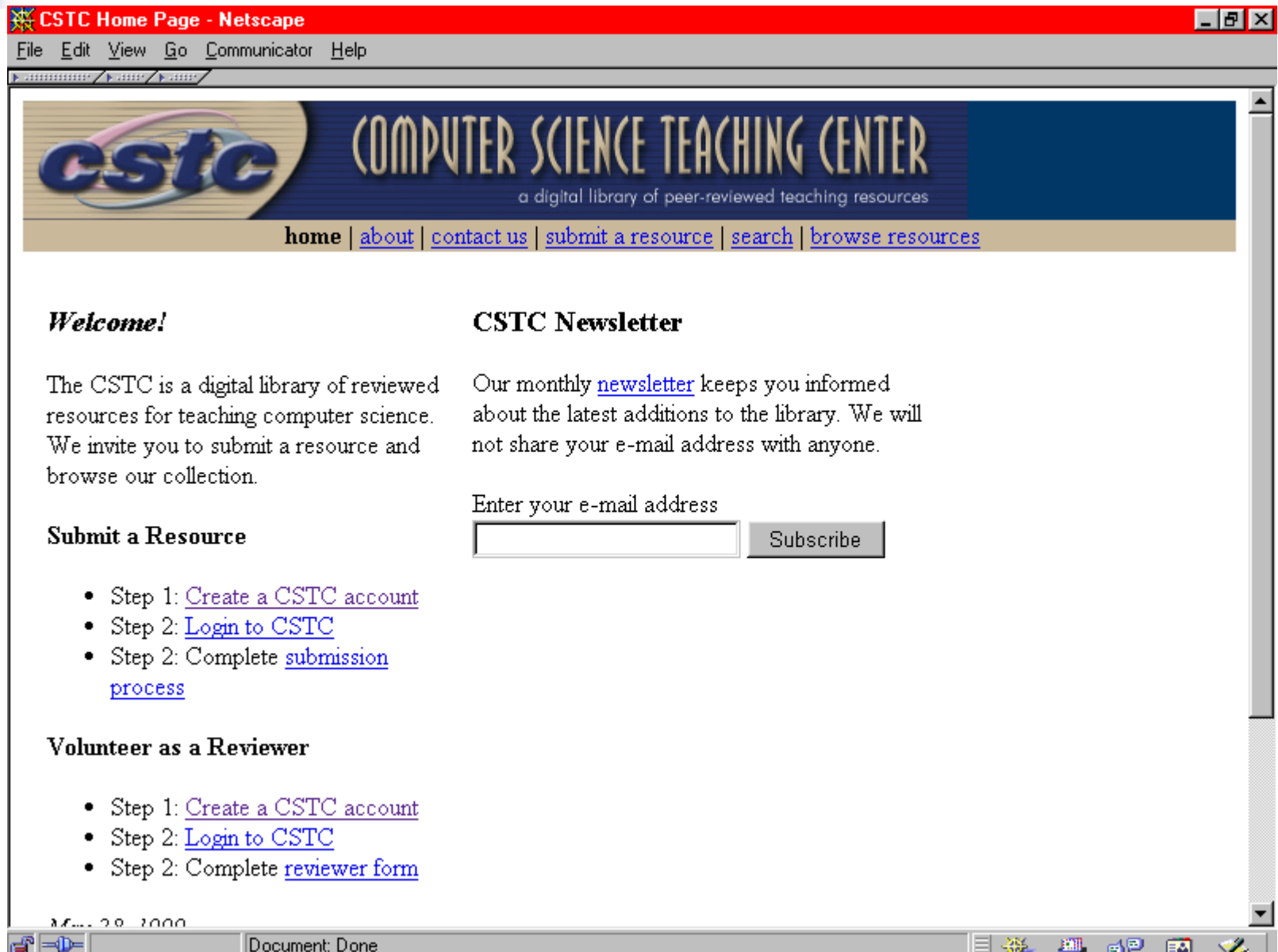
At the bottom of the browser window, there is a button labeled "Laboratories". The Windows taskbar at the bottom shows the Start button, several open applications including "CSTC - Computer Sci...", and the system clock displaying "8:44 PM".



Step by Step Overview of Software

- User Accounts
 - Creating an Account
 - Logging In
 - Volunteer to be a Reviewer
- Browsing
- Searching
- Submitting
- Reviewer Privileges
- Editor Privileges
- CORC

User Accounts - Creating an Account (1)



The screenshot shows the Netscape browser window titled "CSTC Home Page - Netscape". The address bar is empty. The page features a header with the "cstc" logo and the text "COMPUTER SCIENCE TEACHING CENTER" and "a digital library of peer-reviewed teaching resources". Below the header is a navigation bar with links: [home](#), [about](#), [contact us](#), [submit a resource](#), [search](#), and [browse resources](#).

Welcome!

The CSTC is a digital library of reviewed resources for teaching computer science. We invite you to submit a resource and browse our collection.

Submit a Resource

- Step 1: [Create a CSTC account](#)
- Step 2: [Login to CSTC](#)
- Step 2: Complete [submission process](#)

Volunteer as a Reviewer

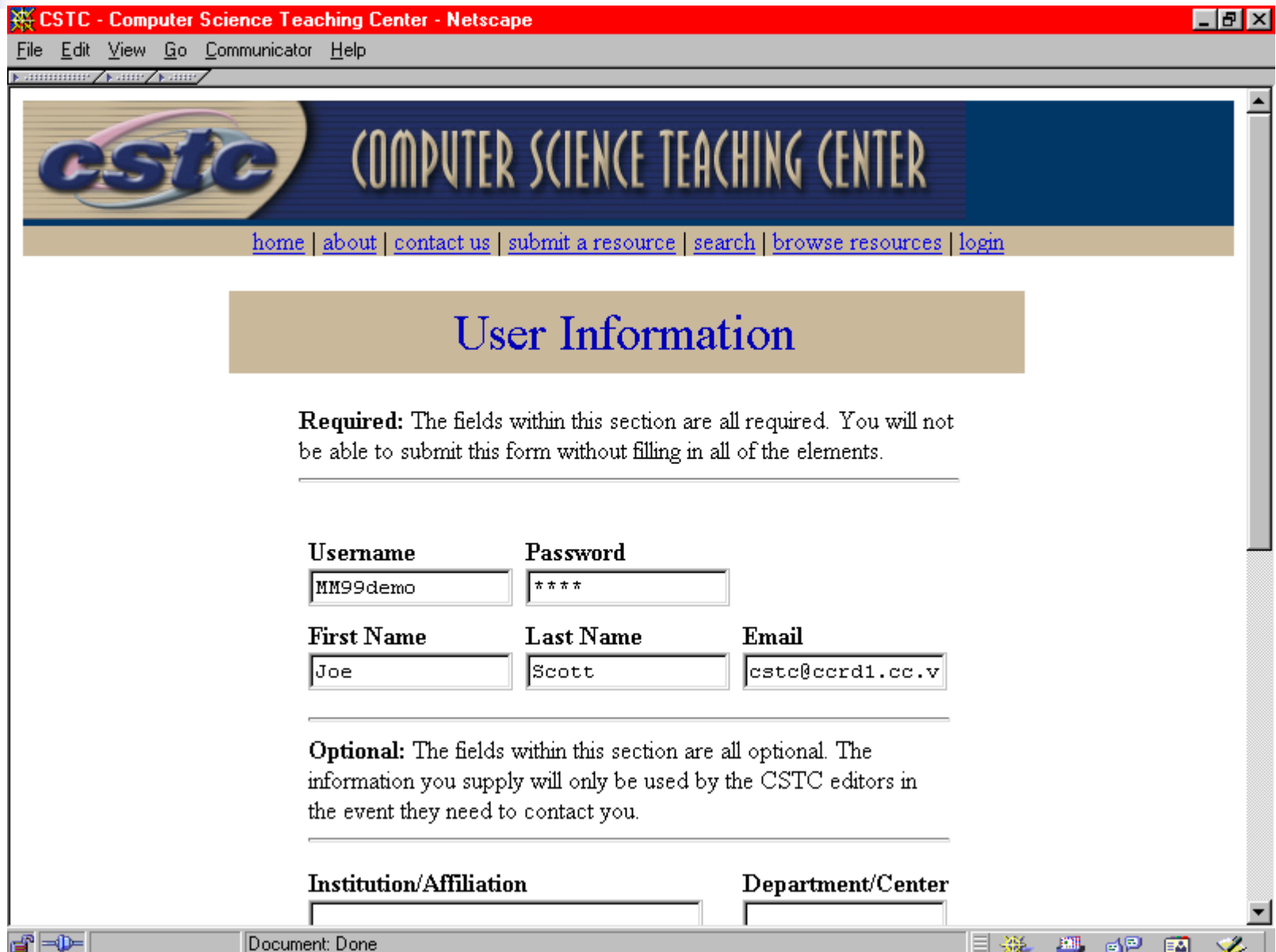
- Step 1: [Create a CSTC account](#)
- Step 2: [Login to CSTC](#)
- Step 2: Complete [reviewer form](#)

CSTC Newsletter

Our monthly [newsletter](#) keeps you informed about the latest additions to the library. We will not share your e-mail address with anyone.

Enter your e-mail address

User Accounts - Creating an Account (2)



The screenshot shows a Netscape browser window titled "CSTC - Computer Science Teaching Center - Netscape". The address bar is empty. The main content area displays the CSTC logo and navigation links: [home](#), [about](#), [contact us](#), [submit a resource](#), [search](#), [browse resources](#), and [login](#). Below the navigation links is a section titled "User Information".

Required: The fields within this section are all required. You will not be able to submit this form without filling in all of the elements.

Username **Password**

First Name **Last Name** **Email**

Optional: The fields within this section are all optional. The information you supply will only be used by the CSTC editors in the event they need to contact you.

Institution/Affiliation **Department/Center**

The browser's status bar at the bottom shows "Document: Done".

User Accounts - Logging In



The screenshot shows a Netscape browser window titled "CSTC - Computer Science Teaching Center - Netscape". The address bar is empty. The page features a header with the "cstc" logo and the text "COMPUTER SCIENCE TEACHING CENTER". Below the header is a navigation bar with links: [home](#), [about](#), [contact us](#), [submit a resource](#), [search](#), [browse resources](#), and [login](#).

The main content area has two sections:

- I'm new to CSTC**
 - [Create a Free Account](#)
 - [Information about CSTC Accounts](#)
- I'm a registered user of CSTC**
 - Username:
 - Password:
 -

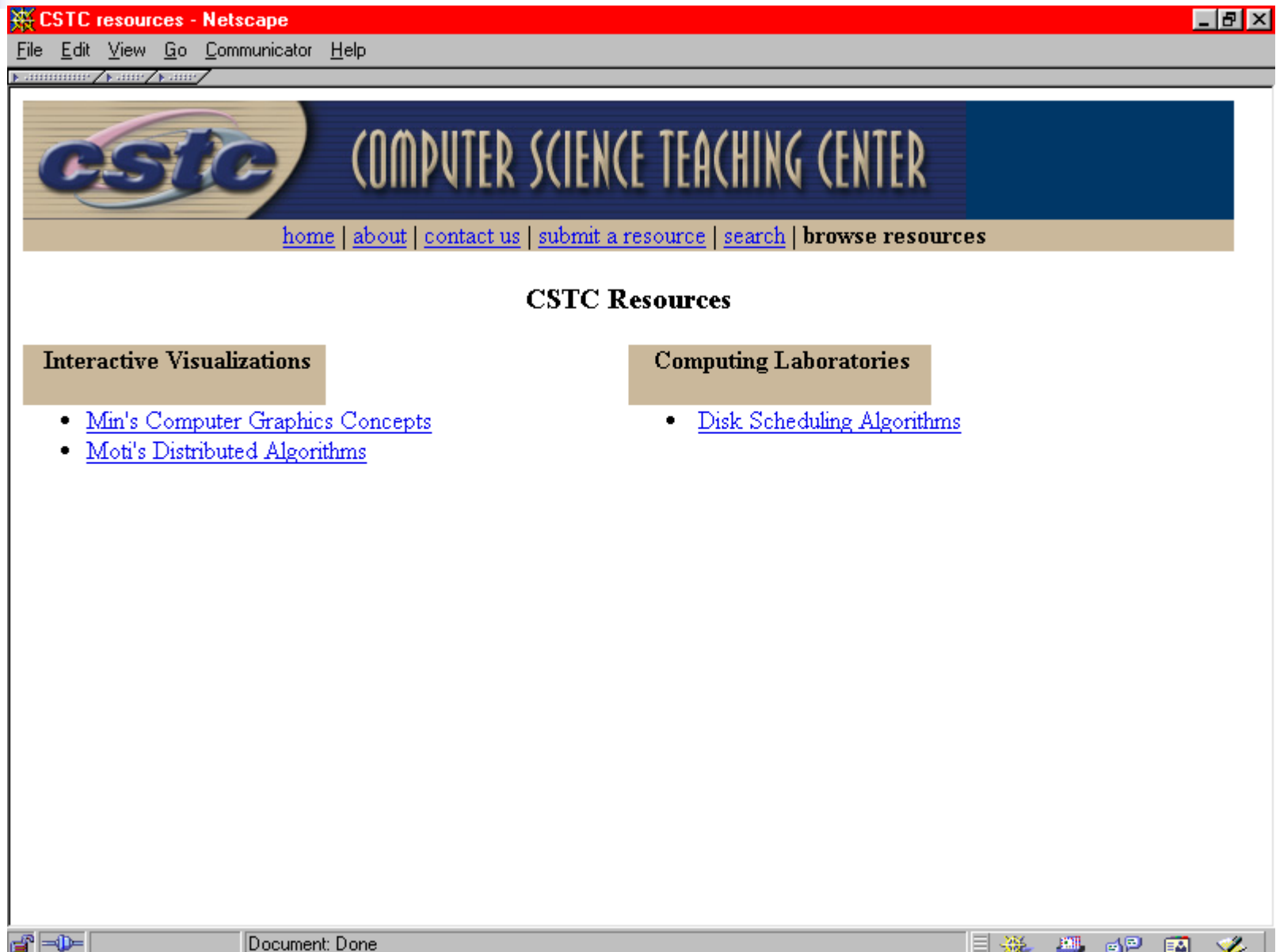
Below the login section, there is a link for **Forgot your password?** with the text: "Don't worry, it happens to the best of us! Simply enter your username below and we'll email you your password."

At the bottom, there is a form for password recovery:

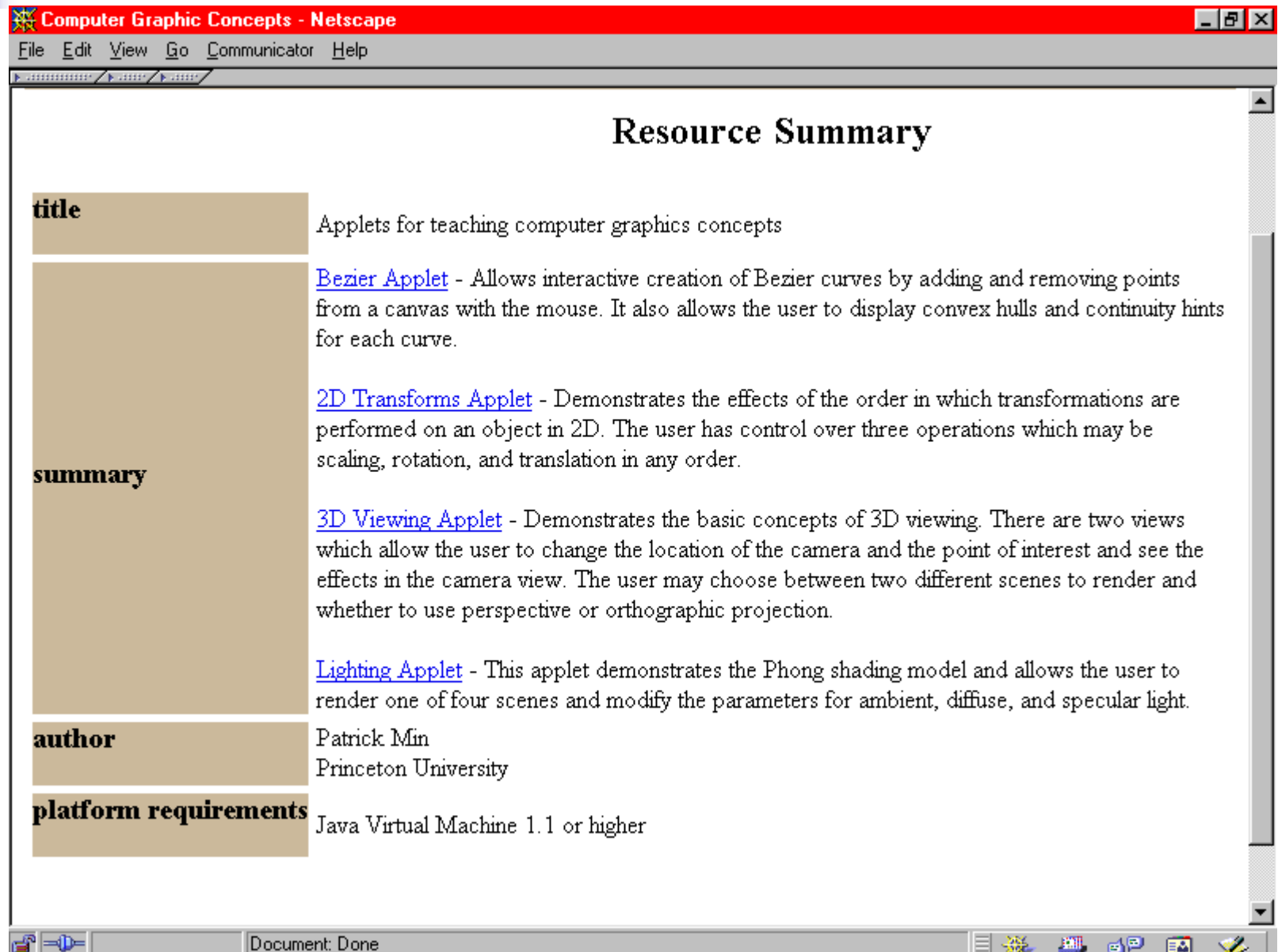
- Username:
-

The browser's status bar at the bottom shows "Document: Done" and a taskbar with various icons.

Browsing (1)



Browsing (2)



Computer Graphic Concepts - Netscape

File Edit View Go Communicator Help

Resource Summary

| | |
|------------------------------|---|
| title | Applets for teaching computer graphics concepts |
| summary | <p>Bezier Applet - Allows interactive creation of Bezier curves by adding and removing points from a canvas with the mouse. It also allows the user to display convex hulls and continuity hints for each curve.</p> <p>2D Transforms Applet - Demonstrates the effects of the order in which transformations are performed on an object in 2D. The user has control over three operations which may be scaling, rotation, and translation in any order.</p> <p>3D Viewing Applet - Demonstrates the basic concepts of 3D viewing. There are two views which allow the user to change the location of the camera and the point of interest and see the effects in the camera view. The user may choose between two different scenes to render and whether to use perspective or orthographic projection.</p> <p>Lighting Applet - This applet demonstrates the Phong shading model and allows the user to render one of four scenes and modify the parameters for ambient, diffuse, and specular light.</p> |
| author | Patrick Min Princeton University |
| platform requirements | Java Virtual Machine 1.1 or higher |

Document: Done

Searching (1)

CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

Search by Metadata:

First Name:

Last Name:

Date: Search for resources submitted after the date entered.
Month: Day: Year:

Type of Resource: Hold the shift or control key while clicking the mouse to make multiple selections.

Multimedia
Laboratories
Visualizations

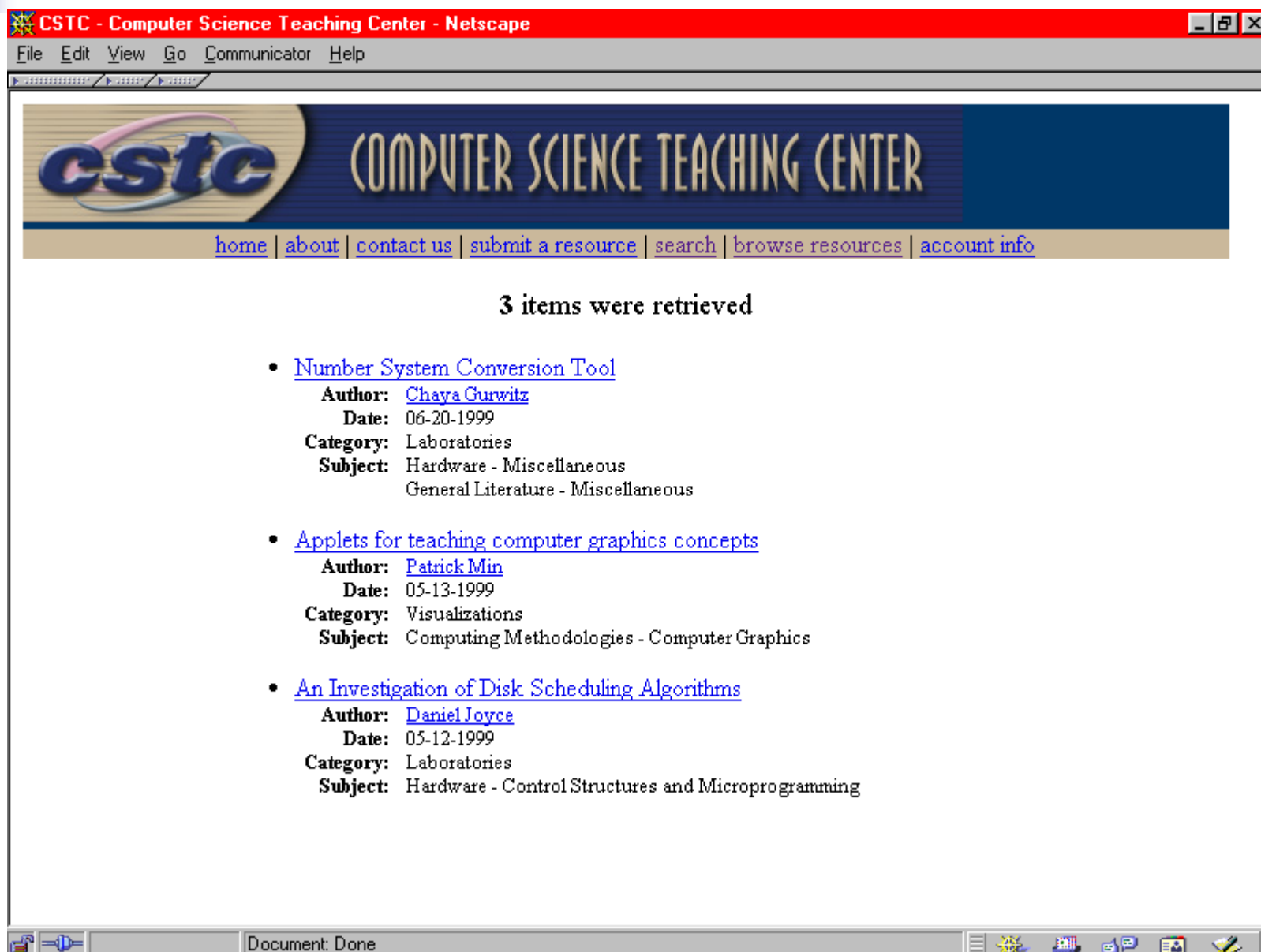
ACM Subject Classification: Hold the shift or control key while clicking the mouse to make multiple selections.

Software - General
--->Programming Techniques
--->Software Engineering
--->Programming Languages
--->Operating Systems

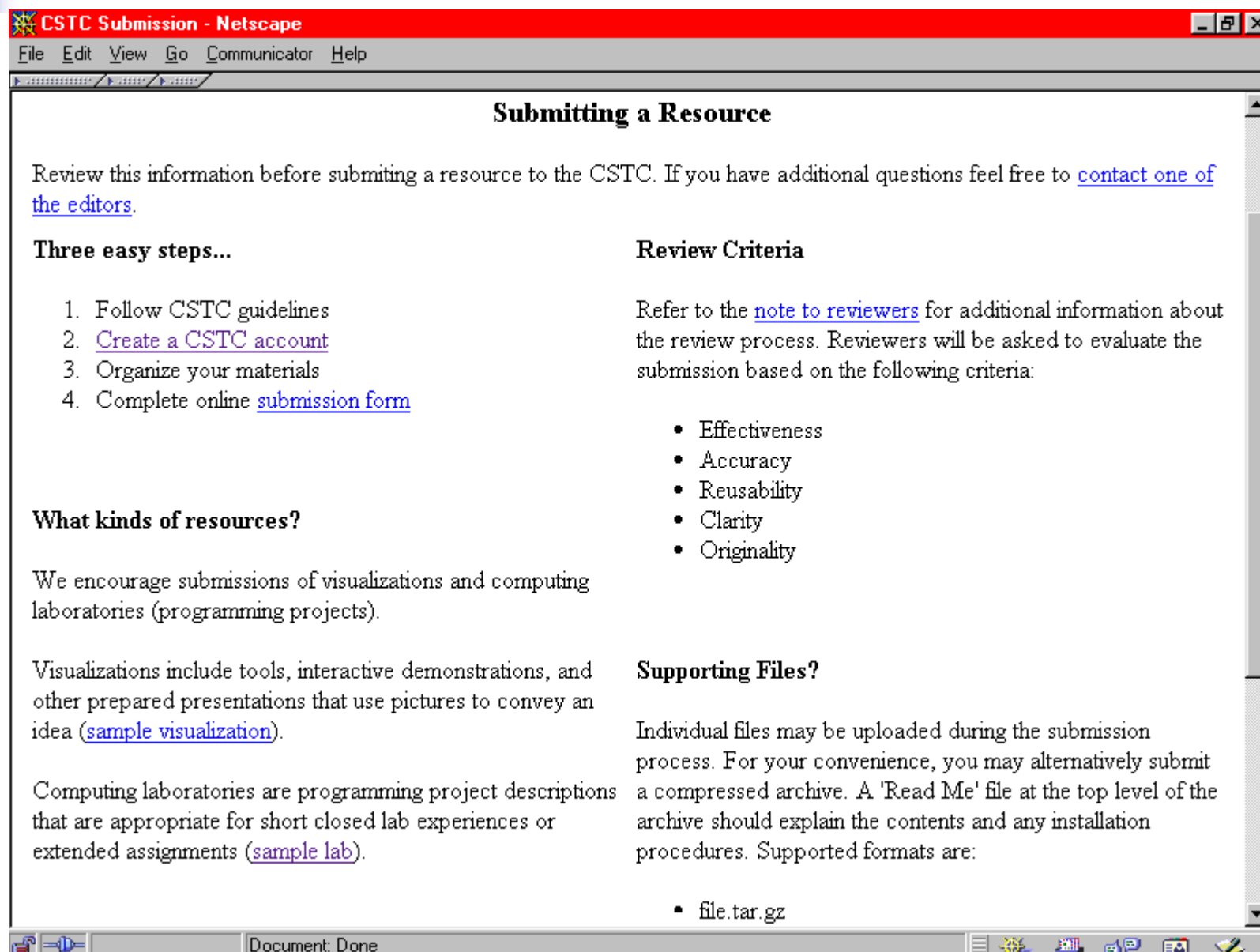
Metadata Search Clear Values

Document: Done

Searching (2)



Submitting a Resource (1)



Submitting a Resource (2)

Author(s)

Primary: This author will be contacted when any correspondence is needed between the author(s) and CSTC editors. The primary author is the registered user of CSTC that is currently logged in.

Username
MM99demo

First Name **Last Name** **Email**
Joe Scott cstc@ccrd1.cc.vt.edu

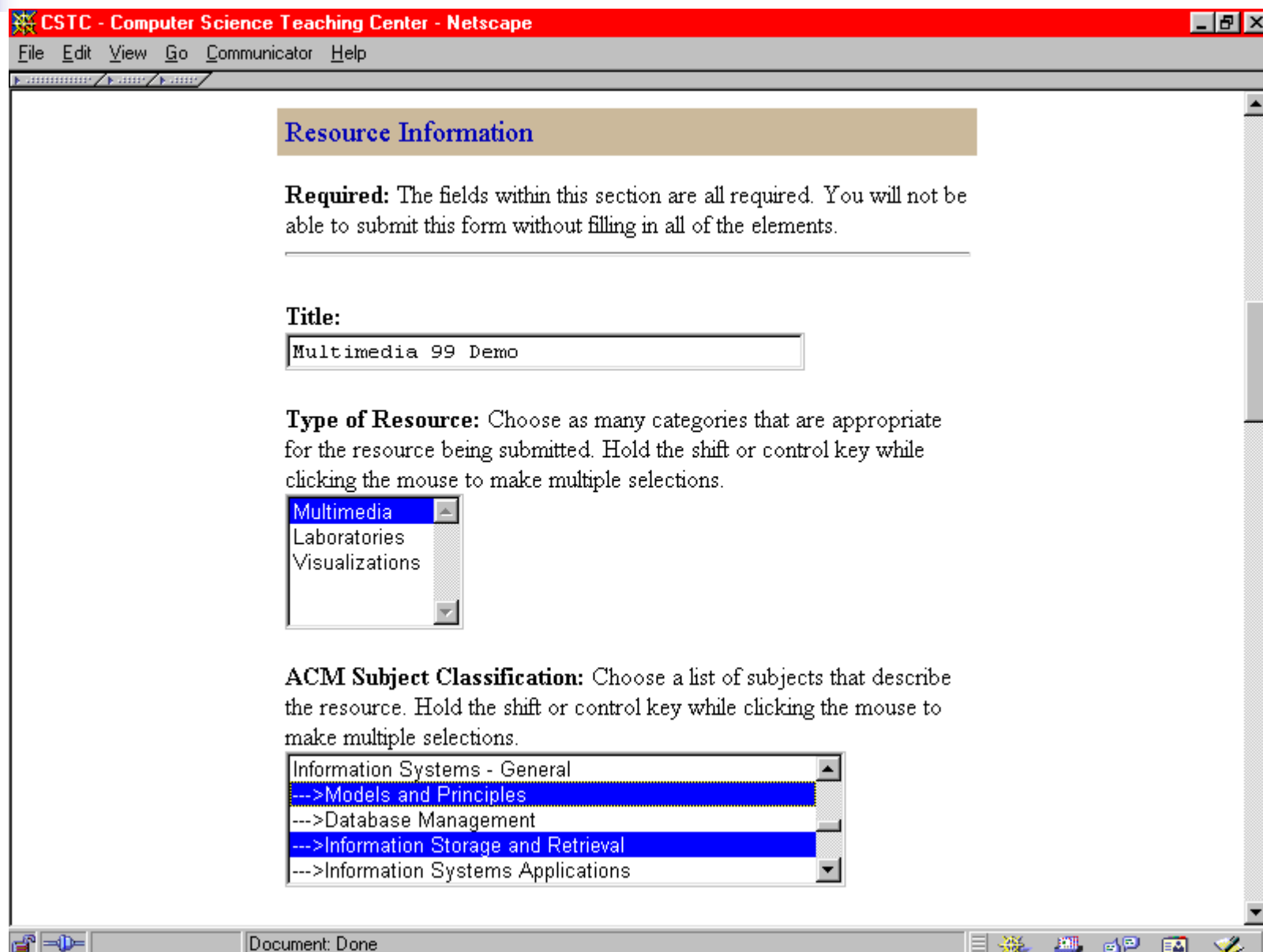
Institution/Affiliation **Department/Center**

Mailing Address:

Other: List any other authors of this resource. Do not list the author that was entered as the primary author. This section is optional.

| First Name | Last Name | Email |
|------------|-----------|-----------------|
| Pat | Smith | smith@here.org |
| Steve | Miller | miller@here.com |

Submitting a Resource (3)



CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

Resource Information

Required: The fields within this section are all required. You will not be able to submit this form without filling in all of the elements.

Title:

Multimedia 99 Demo

Type of Resource: Choose as many categories that are appropriate for the resource being submitted. Hold the shift or control key while clicking the mouse to make multiple selections.

- Multimedia
- Laboratories
- Visualizations

ACM Subject Classification: Choose a list of subjects that describe the resource. Hold the shift or control key while clicking the mouse to make multiple selections.

- Information Systems - General
- >Models and Principles
- >Database Management
- >Information Storage and Retrieval
- >Information Systems Applications

Document: Done

Submitting a Resource (4)

CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

Curriculum Classification: Choose one or more classifications that apply to this resource. Hold the shift or control key while clicking the mouse to make multiple selections.

- Algorithms and Data Structures
- Architecture Methods
- Artificial Intelligence and Robotics
- Database and Information Retrieval**
- Human-Computer Communication

Keywords: List words or phrases that summarize the resource. Each item should be separated by a comma. (Ex. keyword, key phrase, keyword...)

digital library, multimedia,
curriculum resources

Description/Abstract: Provide a short description of the resource.

This resource is a digital library for
curriculum resources in interactive
multimedia.

Optional: The fields within this section are all optional. Although they are not required, we highly recommend that you provide all of the information so your resource can be properly categorized.

Document: Done

Submitting a Resource (5)

CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

Optional: The fields within this section are all optional. Although they are not required, we highly recommend that you provide all of the information so your resource can be properly categorized.

Language: Select which language the resource is written in. Hold the shift or control key while clicking the mouse to make multiple selections.

Arabic
Chinese
Czech
Dutch
English

Programming/Markup Language: Choose which programming languages, if any, are used in this resource. Hold the shift or control key while clicking the mouse to make multiple selections.

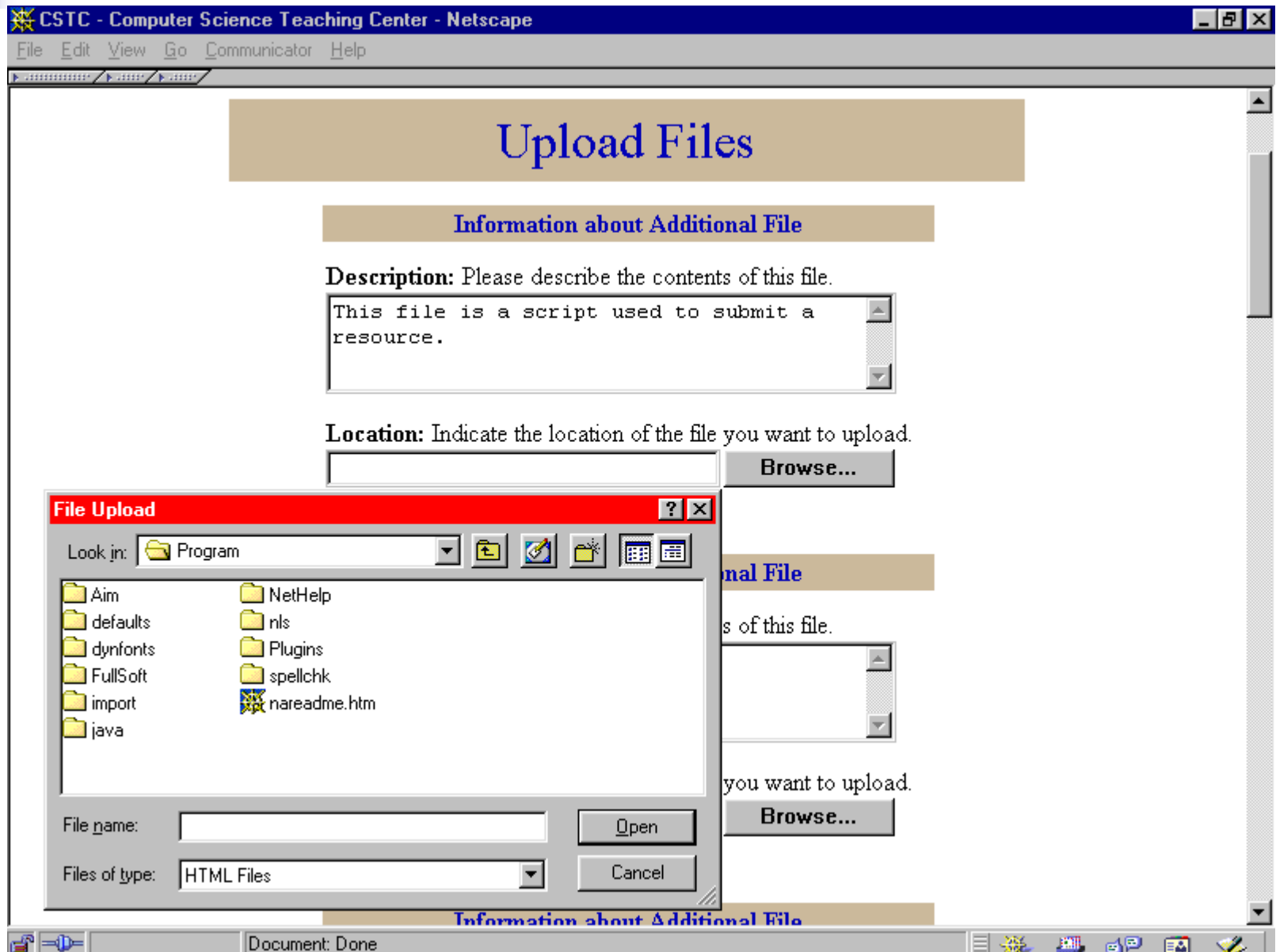
HTML
Java
LISP
Pascal
PERL

Operating System: Select which operating systems this resource can be used under. Hold the shift or control key while clicking the mouse to make multiple selections.

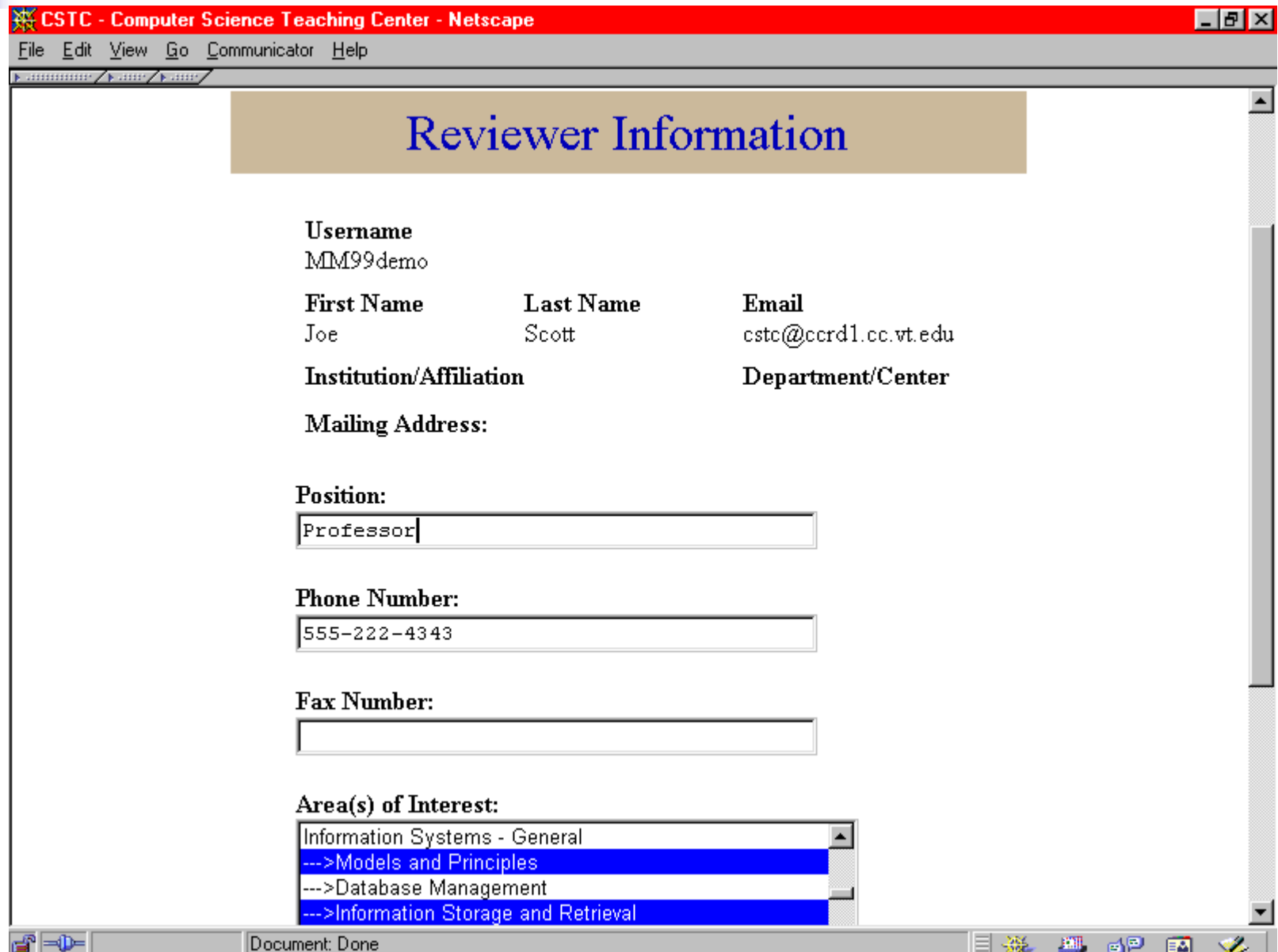
Mac OS
OS/2
UNIX

Document: Done

Submitting a Resource (6)



User Accounts – Volunteer to be Reviewer



CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

Reviewer Information

Username
MM99demo

First Name **Last Name** **Email**
Joe Scott cstc@ccrd1.cc.vt.edu

Institution/Affiliation **Department/Center**

Mailing Address:

Position:
Professor

Phone Number:
555-222-4343

Fax Number:

Area(s) of Interest:
Information Systems - General
--->Models and Principles
--->Database Management
--->Information Storage and Retrieval

Document: Done

Reviewer Privileges (1)

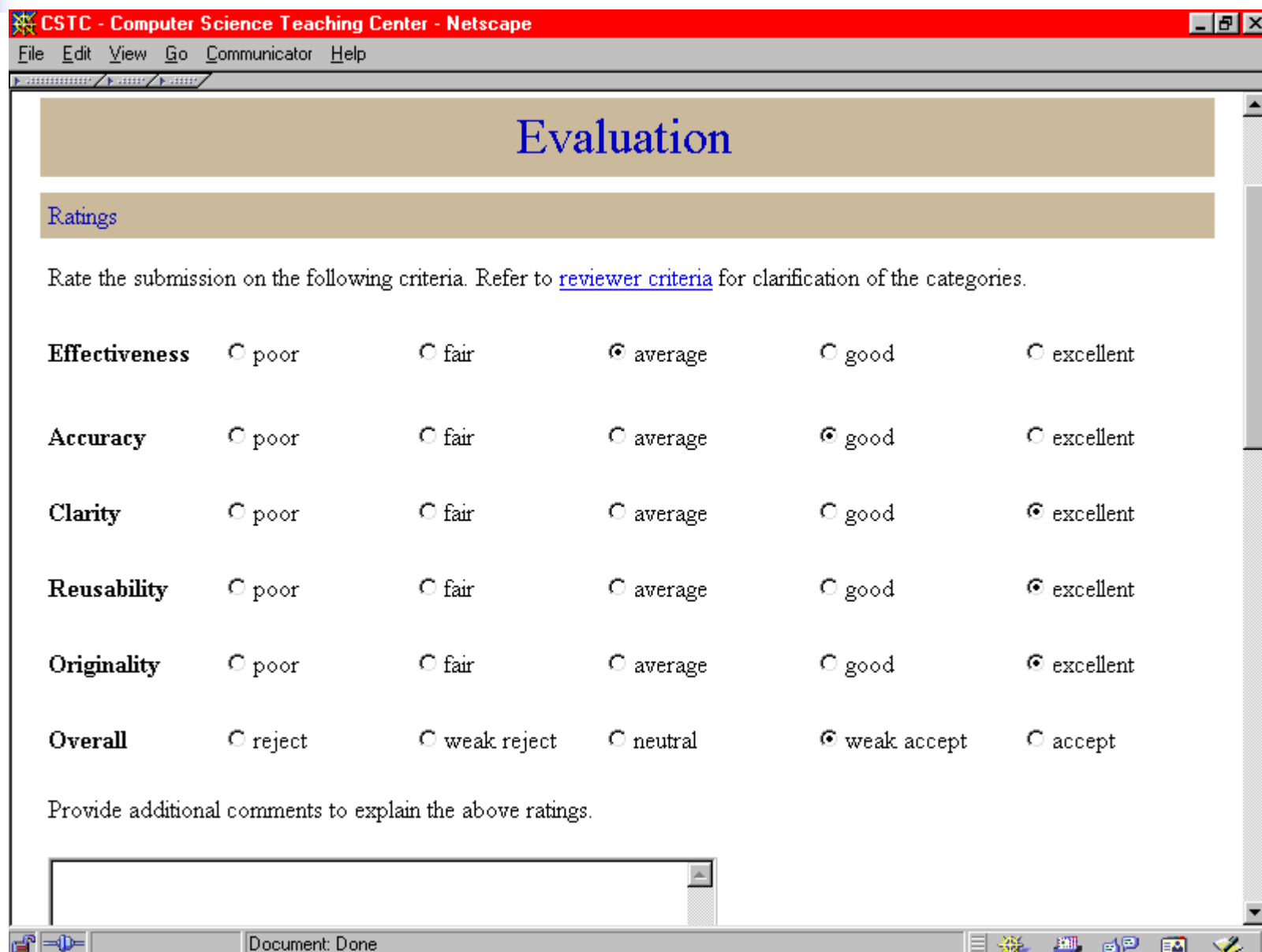


The screenshot shows a Netscape browser window titled "CSTC - Computer Science Teaching Center - Netscape". The address bar is empty. The main content area displays the CSTC logo and navigation links: [home](#), [about](#), [contact us](#), [submit a resource](#), [search](#), [browse resources](#), [account info](#), and [assigned reviews](#). Below the navigation links is a section titled "Assigned Review" which contains a table with the following data:

| Status of Review | Status of Submission | Action | Title of Submission |
|------------------|----------------------|-------------------------------------|------------------------------------|
| missing | proposed | complete evaluation | Multimedia 99 Demo |

The browser's status bar at the bottom indicates "Document: Done".

Reviewer Privileges (2)



CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

Evaluation

Ratings

Rate the submission on the following criteria. Refer to [reviewer criteria](#) for clarification of the categories.

| | | | | | |
|----------------------|------------------------------|-----------------------------------|--|--|--|
| Effectiveness | <input type="radio"/> poor | <input type="radio"/> fair | <input checked="" type="radio"/> average | <input type="radio"/> good | <input type="radio"/> excellent |
| Accuracy | <input type="radio"/> poor | <input type="radio"/> fair | <input type="radio"/> average | <input checked="" type="radio"/> good | <input type="radio"/> excellent |
| Clarity | <input type="radio"/> poor | <input type="radio"/> fair | <input type="radio"/> average | <input type="radio"/> good | <input checked="" type="radio"/> excellent |
| Reusability | <input type="radio"/> poor | <input type="radio"/> fair | <input type="radio"/> average | <input type="radio"/> good | <input checked="" type="radio"/> excellent |
| Originality | <input type="radio"/> poor | <input type="radio"/> fair | <input type="radio"/> average | <input type="radio"/> good | <input checked="" type="radio"/> excellent |
| Overall | <input type="radio"/> reject | <input type="radio"/> weak reject | <input type="radio"/> neutral | <input checked="" type="radio"/> weak accept | <input type="radio"/> accept |

Provide additional comments to explain the above ratings.

Document: Done

Reviewer Privileges (3)

CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

Reviewer Comments

Please answer the following questions to provide additional information to the authors and Editors.

- What was your initial impression of the resource page. Were the objectives clear? Were the instructions for obtaining and using the resource clear?
- How long did it take you to install the resource (if applicable)?
- Briefly explain how you reviewed the resource. How much time did you spend? Did you actually use it in class or simply look it over? Did any students have an opportunity to use it?
- What specific suggestions do you have for the author to improve the resource?

Confidential Comments

Any further confidential comments you want to share with the Editors.

Document: Done

Reviewer Privileges (4)

CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

cstc COMPUTER SCIENCE TEACHING CENTER

[home](#) | [about](#) | [contact us](#) | [submit a resource](#) | [search](#) | [browse resources](#) | [account info](#) | [assigned reviews](#)

Assigned Review

| Status of Review | Status of Submission | Action | Title of Submission |
|------------------|----------------------|--|------------------------------------|
| complete | proposed | modify/view evaluation | Multimedia 99 Demo |

Document: Done

Editor Privileges (1)

CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

Administration: [newsletter release](#) [visitor statistics](#) [newsletter recipients](#) [users](#)

Multimedia 99 Demo

Resource #: 74
Date: 10-23-1999
Author(s): [Pat Smith](#), [Steve Miller](#), [Joe Scott](#)
Category: Multimedia
Subject: Information Systems - Models and Principles, Information Storage and Retrieval
Keywords: digital library, multimedia, curriculum resources
Abstract: This resource is a digital library for curriculum resources in interactive multimedia.

Additional Files

[nareadme.htm](#) demo test

This resource has been accessed **000001** times.

List Assigned Reviewers Assign Reviewers

Make Official Modify Record Delete Record

Document: Done

Editor Privileges (2)



Editor Privileges (3)

CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

cstc COMPUTER SCIENCE TEACHING CENTER

[home](#) | [about](#) | [contact us](#) | [submit a resource](#) | [search](#) | [browse resources](#) | [account info](#) | [assigned reviews](#)

Official Resources: [by author](#) | [by subject](#) | [by category](#) | [by date](#)

Proposed Resources: [by author](#) | [by subject](#) | [by category](#) | [by date](#)

Reviewers: [proposed reviewers](#) | [official reviewers](#)

Administration: [newsletter release](#) | [visitor statistics](#) | [newsletter recipients](#) | [users](#)

Multimedia 99 Demo
by [Pat Smith](#), [Steve Miller](#), [Joe Scott](#)

| Status of Review | Action | Reviewer |
|------------------|------------------------------------|-------------------------------|
| complete | Modify/View Review | David Watkins |
| missing | Modify/View Review | Joe Scott |

Document: Done

Editor Privileges (4)

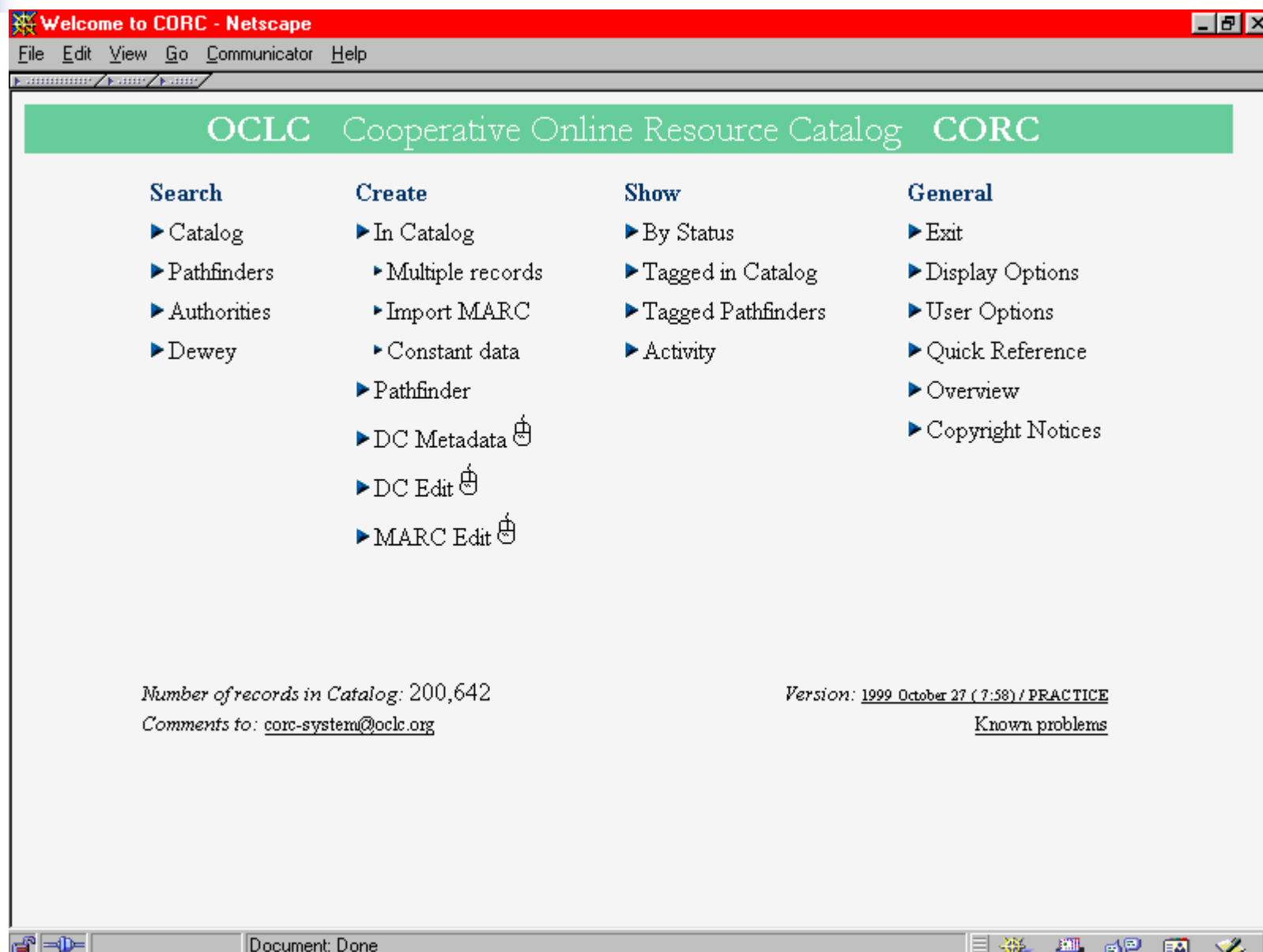
CSTC - Computer Science Teaching Center - Netscape

File Edit View Go Communicator Help

| Users | | | | |
|------------------------------|--|------------|-----------|--------------------------|
| Username | Group | First Name | Last Name | Email |
| holysun | user <input type="button" value="Change"/> | Yasushi | Hori | holyasusy@hotmail.com |
| jzhang | user <input type="button" value="Change"/> | J | Zhang | jzhang@ms.mmit.stc.sh.cn |
| smtuttle | user <input type="button" value="Change"/> | Sharon | Tuttle | st10@axe.humboldt.edu |
| ural | reviewer <input type="button" value="Change"/> | Saim | Ural | ural@cs.wvu.edu |
| youang | reviewer <input type="button" value="Change"/> | Youwen | Ouyang | ouyang@csusm.edu |
| AlyceBrady | user <input type="button" value="Change"/> | Alyce | Brady | abrady@kzoo.edu |
| hitchner | reviewer <input type="button" value="Change"/> | Lew | Hitchner | hitchner@csc.calpoly.edu |
| linda | user <input type="button" value="Change"/> | Linda | Stern | linda@cs.mu.oz.au |
| kuza | user <input type="button" value="Change"/> | Kuza | Loke | kuza@rocketmail.com |
| workinggroup | reviewer <input type="button" value="Change"/> | Working | Group | knox@tcnj.edu |

Document: Done

CORC



CORC – Searching

The screenshot shows a Netscape browser window titled "CORC - Netscape". The address bar is empty. The main content area is titled "Search Catalog". On the left, there is a green sidebar with various links. The main area contains search options: "Look in" with radio buttons for "Current" (selected) and "Archive"; a search box; and three rows of "AND" search criteria with dropdown menus for "All Fields", "NameCorp", "Subject", and "Title". There is also a "with status" dropdown and a checked checkbox for "Do relevance ranking". A "Start Search" button is at the bottom.

CORC - Netscape

File Edit View Go Communicator Help

CORC

[Exit](#)
[Help](#)
[Home Page](#)
[Search](#)
[In Catalog](#)
[Results](#)
[Pathfinders](#)
[Authorities](#)
[Dewey](#)
[Create](#)
[In Catalog](#)
[Multiple records](#)
[Import MARC](#)
[Constant data](#)
[Pathfinder](#)
[Last Edited](#)
[Show](#)
[By Status](#)
[Tagged](#)
[In Catalog](#)
[Pathfinders](#)
[Activity](#)

Search Catalog

Look in ☒ Current ☐ Archive

for in

in

in

in

with status

☒ Do relevance ranking.

Document: Done

CORC – Search Results

The screenshot shows a Netscape browser window titled "CORC - Netscape". The address bar is empty. The menu bar includes File, Edit, View, Go, Communicator, and Help. The left sidebar contains a green menu with the following items: CORC, Exit, Help, Home Page, Search, In Catalog, Results, Pathfinders, Authorities, Dewey, Create, Last Edited, Show, By Status, Tagged, In Catalog, Pathfinders, Activity, and General. The main content area displays the search results for the query "al: (syllabus) in Catalog". It shows 90 records found. A "Jump to:" link is provided with a list of page numbers: 1, 11, 21, 31, 41, 51, ..., 81. An "Actions:" dropdown menu is also visible. The search results are listed as follows:

- ☐ [Edit](#) 1. [Syllabus Press, Inc.](#)
Publisher: Syllabus Press, Inc. Modified: N@F, 1999-03-04
- ☐ [Edit](#) 2. [Syllabus Press Inc.](#)
Modified: N@F, 1999-03-04
- ☐ [Edit](#) 3. [Computer Science 591L Interactive Multimedia Syllabus](#)
Publisher: Filiz UCar Modified: VTCPs, 1999-10-21 (*Status: Complete*)
- ☐ [Edit](#) 4. [Syllabus project](#)
Contributor: International Society for Environmental Ethics. Modified: NSD, 1999-03-04
- ☐ [Edit](#) 5. [Neonatology on the Web: Teaching Files, Outlines, and Guidelines](#)
Publisher: Ahmanson Pediatric Center, Cedars-Sinai Medical Center Modified: N@F, 1999-03-04
- ☐ [Edit](#) 6. [Knee Injury Video and Syllabus](#)
Publisher: Center for Sports Medicine Modified: N@F, 1999-03-04
- ☐ [Edit](#) 7. [Developmental Anatomy Course Syllabus](#)
Publisher: Department of Neurobiology and Anatomy, University of Texas Medical School Modified: N@F, 1999-03-04
- ☐ [Edit](#) 8. [Religion 232: Womens' Spirituality in the Roman Empire and the Early Middle Ages, Bowdoin College](#)
Publisher: Nicholas Denzey Modified: N@F, 1999-03-04

The status bar at the bottom indicates "Document: Done".

CORC – Display Record (Dublin Core)

The screenshot shows a Netscape browser window with a red title bar. The address bar is empty. The main content area displays a CORC record for a Dublin Core entry. On the left, there is a green sidebar with a menu of links: Exit, Help, Home Page, Search, Create, Last Edited, Show, By Status, Tagged, In Catalog, Pathfinders, Activity, and General. The main content area has a header with 'Actions: Displaying Record' and a 'View: Dublin Core (2)' dropdown. Below this, the record details are shown in a table-like format. The record includes fields for Title, Identifier.URL, Publisher, Date.Issued, Description.Note, Format.MIME, Language, Subject.DDC-Scorpion, and Type. The Subject.DDC-Scorpion field is expanded to show three categories: Computer graphics, Multimedia systems [formerly 006.6], and Motion. The status is 'Complete' and the system is 'OCL'.

CORC

Actions: 1 2 3 4 ... 90 View:

CORC: [200543](#) *Created:* VTCPS 1999-10-21
Status: Complete *System:* OCL 1999-10-27

| | |
|-----------------------------|---|
| Title | Computer Science 591L Interactive Multimedia Syllabus |
| Identifier.URL | http://rastelli.cs.umass.edu/~ckc/alab/class/directorClass/syllabus.html |
| Publisher | Filiz UCar |
| Date.Issued | 1999-10-21 |
| Description.Note | Computer Science 591L Interactive Multimedia Syllabus Computer Science 591L Interactive Multimedia Syllabus This syllabus is not dated. Every class learns at different rates. The class may not cover all this material. The instructor may add and/or remove topics from the syllabus as needed. This syllabus will be on the class web site. ----- Paint window Cast: whats a castmember Score: whats a sprite Moving sprites w/ the score Inks, onionskin, key-frames, rotation, skewing, and |
| Format.MIME | text/html |
| Language | english |
| Subject.DDC-Scorpion | 006.6 Computer graphics |
| Subject.DDC-Scorpion | 006.7 Multimedia systems [formerly 006.6] |
| Subject.DDC-Scorpion | 523.83 Motion |
| Type | text/html; charset=iso-8859-1 |

Document: Done

CORC – Display Record (DC HTML)

CORC

[Exit](#)
[Help](#)
[Home Page](#)
[Search](#)
[Create](#)
[Last Edited](#)
[Show](#)
[By Status](#)
[Tagged](#)
[In Catalog](#)
[Pathfinders](#)
[Activity](#)
[General](#)

Actions: View:

[1](#) [2](#) [3](#) [4](#) ... [90](#)

```
<meta name="DC.Title" content="Computer Science 591L Interactive Multimedia Syllabus">
<meta name="DC.Format.MIME" content="text/html">
<meta name="DC.Publisher" content="Filiz UCar">
<meta name="DC.Date.Issued" content="1999-10-21">
<meta name="DC.Description.Note" content="Computer Science 591L Interactive Multimedia
Syllabus Computer Science 591L Interactive Multimedia Syllabus This syllabus is not dated. Every
class learns at different rates. The class may not cover all this material. The instructor may add and/or
remove topics from the syllabus as needed. This syllabus will be on the class web site. ----- Paint
window Cast: whats a castmember Score: whats a sprite Moving sprites w/ the score Inks, onionskin,
key-frames, rotation, skewing, and">
<meta name="DC.Identifier.URL"
content="http://rastelli.cs.umass.edu/~ckc/alab/class/directorClass/syllabus.html">
<meta name="DC.Language" content="english">
<meta name="DC.Subject" scheme="DDC-Scorpion" content="006.6">
<meta name="DC.Subject" scheme="DDC-Scorpion" content="006.7">
<meta name="DC.Subject" scheme="DDC-Scorpion" content="523.83">
<meta name="DC.Type" content="text/html; charset=iso-8859-1">
```

[1](#) [2](#) [3](#) [4](#) ... [90](#)

Please send comments and suggestions to: CORC-system@oclc.org

Document: Done

CORC – Display Record (DC RDF)

The screenshot shows a Netscape browser window with the title bar "Netscape". The menu bar includes "File", "Edit", "View", "Go", "Communicator", and "Help". The address bar shows a path starting with "http://". The main content area displays a CORC record in DC RDF format. On the left side, there is a green sidebar with the "CORC" logo and a list of links: "Exit", "Help", "Home Page", "Search", "In Catalog", "Results", "Pathfinders", "Authorities", "Dewey", "Create", "Last Edited", "Show", "By Status", "Tagged", "In Catalog", "Pathfinders", "Activity", and "General". The main content area has a header with "Actions: Displaying Record" and "View: DC RDF". The record content is an XML document with the following structure:

```
<?xml version="1.0"?>
<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:dc="http://purl.org/dc/elements/1.0/"
  xmlns:dcq="http://purl.org/dc/qualifiers/1.0/">
  <rdf:Description about="http://rastelli.cs.umass.edu/~ckc/alab/class/directorClass/syllabus.html">
    <dc:title>Computer Science 591L Interactive Multimedia Syllabus</dc:title>
    <dc:format>text/html</dc:format>
    <dc:publisher>Filiz UCar</dc:publisher>
    <dc:date>1999-10-21</dc:date>
    <dc:description>Computer Science 591L Interactive Multimedia Syllabus Computer Science 591L
    Interactive Multimedia Syllabus This syllabus is not dated. Every class learns at different rates. The class
    may not cover all this material. The instructor may add and/or remove topics from the syllabus as
    needed. This syllabus will be on the class web site. ----- Paint window Cast: whats a castmember
    Score: whats a sprite Moving sprites w/ the score Inks, onionskin, key-frames, rotation, skewing,
    and</dc:description>
    <dc:identifier>http://rastelli.cs.umass.edu/~ckc/alab/class/directorClass/syllabus.html</dc:identifier>
    <dc:language>english</dc:language>
    <dc:subject> <rdf:Description> <dcq:subjectScheme>DDC-Scorpion</dcq:subjectScheme>
    <rdf:value>006.6</rdf:value> </rdf:Description> </dc:subject>
    <dc:subject> <rdf:Description> <dcq:subjectScheme>DDC-Scorpion</dcq:subjectScheme>
    <rdf:value>006.7</rdf:value> </rdf:Description> </dc:subject>
    <dc:subject> <rdf:Description> <dcq:subjectScheme>DDC-Scorpion</dcq:subjectScheme>
    <rdf:value>523.83</rdf:value> </rdf:Description> </dc:subject>
  </rdf:Description>
</rdf:RDF>
```

The status bar at the bottom shows "Document: Done".

CORC – Display Record (MARC)

The screenshot shows a Netscape browser window with the title bar "Netscape". The menu bar includes "File", "Edit", "View", "Go", "Communicator", and "Help". The address bar shows the URL "http://www.csc.uconn.edu/~csc/csc591l/". The main content area displays the CORC record in MARC format. On the left side, there is a green sidebar with the "CORC" logo and a list of links: "Exit", "Help", "Home Page", "Search", "In Catalog", "Results", "Pathfinders", "Authorities", "Dewey", "Create", "Last Edited", "Show", "By Status", "Tagged", "In Catalog", "Pathfinders", "Activity", and "General". The main content area has a header with "Actions: Displaying Record" and "View: MARC". Below this, the record details are shown: "CORC: 200543", "Created: VTCPS 1999-10-21", "Status: Complete", and "System: OCL 1999-10-27". The record is then displayed in MARC format, showing the following fields: "245 00 Computer Science 591L Interactive Multimedia Syllabus", "260 +b Filiz UCar", "500 Computer Science 591L Interactive Multimedia Syllabus Computer Science 591L Interactive Multimedia Syllabus This syllabus is not dated. Every class learns at different rates. The class may not cover all this material. The instructor may add and/or remove topics from the syllabus as needed. This syllabus will be on the class web site. ----- Paint window Cast: whats a castmember Score: whats a sprite Moving sprites w/ the score Inks, onionskin, key-frames, rotation, skewing, and", "655 _7 text/html; charset=iso-8859-1 +2 local", "699 _1 006.6 Computer graphics", "699 _1 006.7 Multimedia systems [formerly 006.6]", "699 _1 523.83 Motion", "856 4_ +q text/html +u http://rastelli.cs.umass.edu/~ckc/alab/class/directorClass/syllabus.html", and "Help". At the bottom, there is a table of fields: "Type: a", "ELvl: K", "Srce:", "Audn:", "Ctrl:", "Lang: eng", "BLvl: m", "Form:", "Conf:", "Biog:", "MRec:", "Ctry:", "Cont:", "GPub:", "Fict:", "Indx:", "Desc:", "Ills:", "Fest:", "DtSt: e", and "Dates: 1999, 1021". The status bar at the bottom shows "Document: Done".

CORC

[Exit](#)
[Help](#)
[Home Page](#)
[Search](#)
[In Catalog](#)
[Results](#)
[Pathfinders](#)
[Authorities](#)
[Dewey](#)
[Create](#)
[Last Edited](#)
[Show](#)
[By Status](#)
[Tagged](#)
[In Catalog](#)
[Pathfinders](#)
[Activity](#)
[General](#)

Actions: Displaying Record 1 2 3 4 ... 90 View: MARC

CORC: 200543 Created: VTCPS 1999-10-21
Status: Complete System: OCL 1999-10-27

245 00 Computer Science 591L Interactive Multimedia Syllabus
260 +b Filiz UCar
500 Computer Science 591L Interactive Multimedia Syllabus Computer Science 591L Interactive Multimedia Syllabus This syllabus is not dated. Every class learns at different rates. The class may not cover all this material. The instructor may add and/or remove topics from the syllabus as needed. This syllabus will be on the class web site. ----- Paint window Cast: whats a castmember Score: whats a sprite Moving sprites w/ the score Inks, onionskin, key-frames, rotation, skewing, and
655 _7 text/html; charset=iso-8859-1 +2 local
699 _1 006.6 Computer graphics
699 _1 006.7 Multimedia systems [formerly 006.6]
699 _1 523.83 Motion
856 4_ +q text/html +u http://rastelli.cs.umass.edu/~ckc/alab/class/directorClass/syllabus.html
Help

| | | | | | |
|---------|---------|-------|---------|--------|------------|
| Type: a | ELvl: K | Srce: | Audn: | Ctrl: | Lang: eng |
| BLvl: m | Form: | Conf: | Biog: | MRec: | Ctry: |
| | Cont: | GPub: | Fict: | Indx: | |
| Desc: | Ills: | Fest: | DtSt: e | Dates: | 1999, 1021 |

Document: Done

CORC – Create Record (1)

The screenshot shows a Netscape browser window titled "CORC - Netscape". The address bar is empty. The menu bar includes "File", "Edit", "View", "Go", "Communicator", and "Help". The left sidebar contains a list of links: "CORC", "Exit", "Help", "Home Page", "Search", "In Catalog", "Results", "Pathfinders", "Authorities", "Dewey", "Create", "In Catalog", "Multiple records", "Import MARC", "Constant data", "Pathfinder", "Last Edited", "Show", "By Status", "Tagged", "In Catalog", "Pathfinders", and "Activity". The main content area is titled "Create in Catalog" and contains the following text: "Create a new record in format:". Below this, there are two radio buttons: "Include:" and "Create a blank record". The "Include:" radio button is selected. Under "Include:", there are four checkboxes: "data extracted from URL" (checked), "show records that include this URL" (checked), "generate Dewey numbers" (checked), and "generate possible subject terms" (unchecked). The "data extracted from URL" checkbox is followed by a text input field containing "http://ei.cs.vt.edu/~crim/onlcour.html". Below the checkboxes, there is a "Create" button. The status bar at the bottom of the browser window shows "Document: Done".

CORC - Netscape

File Edit View Go Communicator Help

CORC

[Exit](#)

[Help](#)

[Home Page](#)

[Search](#)

[In Catalog](#)

[Results](#)

[Pathfinders](#)

[Authorities](#)

[Dewey](#)

Create

[In Catalog](#)

[Multiple records](#)

[Import MARC](#)

[Constant data](#)

[Pathfinder](#)

Last Edited

Show

[By Status](#)

[Tagged](#)

[In Catalog](#)

[Pathfinders](#)

[Activity](#)

Create in Catalog

Create a new record in format:

☒ Include:

☒ data extracted from URL

☒ show records that include this URL

☒ generate Dewey numbers

☐ generate possible subject terms

☐ current constant data

☐ Create a blank record

Create

Document: Done

CORC – Create Record (2)

CORC - Netscape

File Edit View Go Communicator Help

CORC

[Exit](#)
[Help](#)
[Home Page](#)
[Search](#)
[In Catalog](#)
[Results](#)
[Pathfinders](#)
[Authorities](#)
[Dewey](#)
[Create](#)
[In Catalog](#)
[Multiple records](#)
[Import MARC](#)
[Constant data](#)
[Pathfinder](#)
[Last Edited](#)
[Show](#)
[By Status](#)
[Tagged](#)
[In Catalog](#)
[Pathfinders](#)
[Activity](#)

Actions: View:

CORC: NEW *Created: VTCPS* 1999-10-27
Status: *Modified:* 1999-10-27

| | | |
|---|---|---------------------------------------|
| <input type="text" value="Title"/> | <input type="text" value="Curriculum"/> | <input type="text" value="Function"/> |
| <input type="text" value="Identifier"/> | <input type="text" value="http://ei.cs.vt.edu/~crim/onlcour.html"/> | <input type="text" value="Function"/> |
| <input type="text" value="URL"/> | | |
| <input type="text" value="Publisher"/> | | <input type="text" value="Function"/> |
| <input type="text" value="Name"/> | | |
| <input type="text" value="Contributor"/> | | <input type="text" value="Function"/> |
| <input type="text" value="PersonalName"/> | | |
| <input type="text" value="Coverage"/> | | <input type="text" value="Function"/> |
| <input type="text" value="Geographic"/> | | |
| <input type="text" value="Creator"/> | <input type="text" value="Rajat Gupta"/> | <input type="text" value="Function"/> |
| <input type="text" value="PersonalName"/> | | |

Document: Done

CORC – Create Record (3)

CORC - Netscape

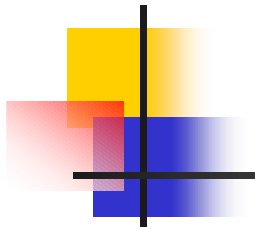
File Edit View Go Communicator Help

CORC

- [Exit](#)
- [Help](#)
- [Home Page](#)
- [Search](#)
- [In Catalog](#)
- [Results](#)
- [Pathfinders](#)
- [Authorities](#)
- [Dewey](#)
- [Create](#)
- [In Catalog](#)
- [Multiple records](#)
- [Import MARC](#)
- [Constant data](#)
- [Pathfinder](#)
- [Last Edited](#)
- [Show](#)
- [By Status](#)
- [Tagged](#)
- [In Catalog](#)
- [Pathfinders](#)
- [Activity](#)

| | | |
|-------------|---|----------|
| Date | 1999-10-27 | Function |
| Issued | | |
| Description | Curriculum Courses: Cornell University: Multimedia Systems - A graduate level survey course in multimedia, covering representation, compression, storage, transmission, and | Function |
| Note | | |
| Format | text/html | Function |
| MIME | | |
| Language | english | Function |
| | | |
| Relation | | Function |
| | | |
| Rights | | Function |
| URL | | |
| Source | | Function |
| URL | | |
| Subject | 384.3 Computer communication | Function |
| | | |

Document: Done



Conclusion: Ways of Using CRIM

- www.cstc.org/~crim
- Submit / nominate
- Review
- Adapt
- Adopt