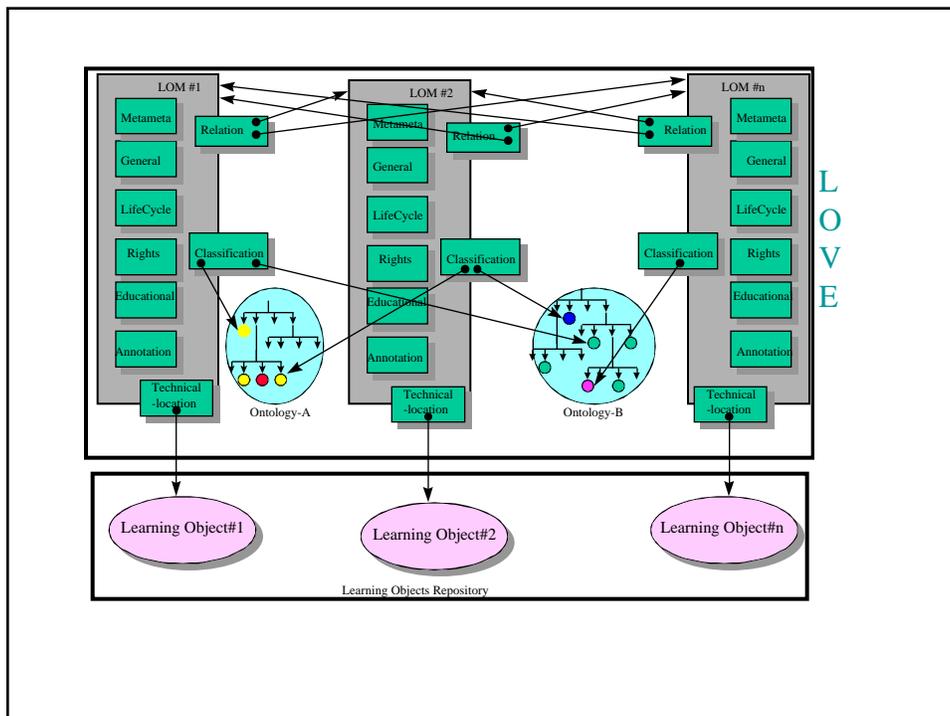
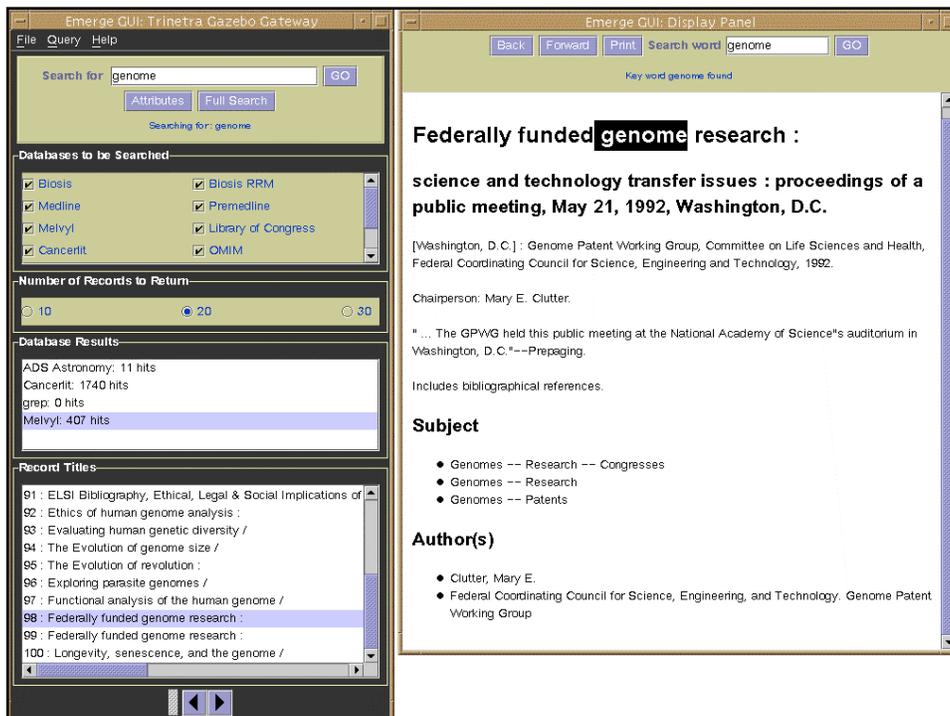
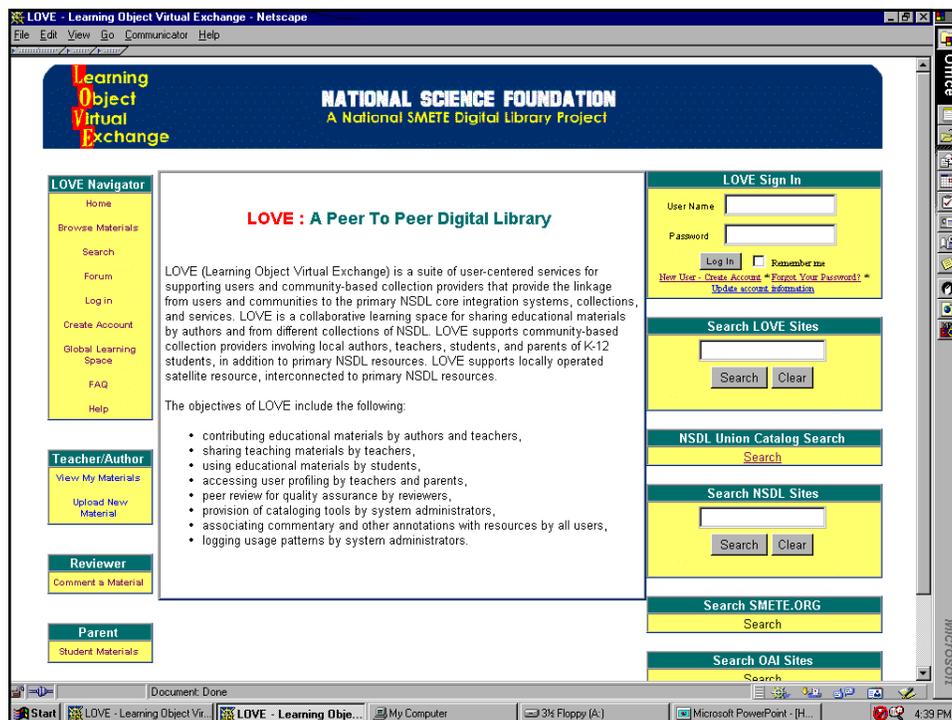


The Roles of Digital Libraries in Education

- **Dynamic content: LOM (Learning Object Metadata)**
- **User Profiles: IMS Learner Models**
- **A powerful search engine: Emerge**
- **A community-based collection service: LOVE (Learning Object Virtual Exchange)**
- **Evaluation and assessment capabilities**







GIF image 950x577 pixels - Netscape Message

File Edit View Go Message Communicator Help

Address <http://ideal.cecs.missouri.edu:8080/coxoon/samples/kal/JavaMaterial.xml>

The following instructions will help you write your first program. These instructions are for users of Win32 platforms, which include Windows 95/98 and Windows NT/2000. We start with a checklist of what you need to write your first program. Next, we cover the steps to creating an application, steps to creating an applet, and explanations of error messages you may encounter.

Your first program, HelloWorldApp, will simply display the greeting "Hello world!". To create this program, you will: Create a source file. A source file contains text, written in the Java programming language, that you and other programmers can understand. You can use any text editor to create and edit source files. Compile the source file into a bytecode file. The compiler, javac, takes your source file and translates its text into instructions that the Java Virtual Machine (Java VM) can understand. The compiler converts these instructions into a bytecode file. Run the program contained in the bytecode file. The Java interpreter installed on your computer implements the Java VM. This interpreter takes your bytecode file and carries out the instructions by translating them into instructions that your computer can understand.

Java Program

```
class HelloWorldApp {
    public static void main(String[] args) {
        System.out.println("Hello World");
    }
}
HelloWorldApp.java
```

a. Create a Source File as shown:

```
/** * The HelloWorldApp class implements an application that displays "Hello World!" to the standard output. ***/
```

Document: Done

Start Screen Shots - Inbox - Net Microsoft PowerPoint - [H... GIF image 950x577 pi... 9:54 AM

The screenshot shows a Netscape Message window with the following content:

Java Program

```
class HelloWorldApp {
    public static void main(String[] args) {
        System.out.println("Hello World!");
    }
}
```

Below the code is a diagram illustrating the execution process:

- A box labeled "Compiler" receives input from the "Java Program" box.
- Three arrows labeled "Interpreter" point from the "Compiler" box to three computer icons representing different operating systems: "Win32", "Solaris", and "MacOS".
- Each computer icon displays "Hello World!" on its screen.

a. Create a Source File as shown:

```
/** * The HelloWorldApp class implements an application that displays "Hello World!" to the standard output. ***/
public class HelloWorldApp {
    public static void main(String[] args) {
        // Display "Hello World!"
        System.out.println("Hello World!");
    }
}
```

This paragraph is displayed because your answer choice to question 6 was wrong.

Take Quiz

The screenshot also shows the Windows taskbar at the bottom with the Start button, taskbar buttons for "Screen Shots - Inbox - Net", "Microsoft PowerPoint - [H...]", and "GIF image 882x486 pi...", and a system tray showing the time as 9:56 AM.

Contacting us:

Chens@missouri.edu

573-882-5176