

Field Trip # 27

Developed by:

Subject:

Short description:

Educational Level:

Field trip type:

Educational

Outcomes:

Notes to instructor:

Using Java Classes / Download Images & Sounds

Keith Lynn

Using Java classes to download images & sounds

In this field trip, the students will learn how to make network connections in Java in order to read images & sounds from web sites.

9th – 12th Grade

Lecture with Activity

The student will be able to:

- Use a URL object to contact a web site
- Use regular expression to look for links to images & audio
- Use a BufferedInputStream to read the bytes of a file

This can be done using the `java.util.regex` & `java.net` packages. It is recommended that beforehand the instructor research website that offers lots of video or audio & then use regular expressions to find the links to audio & video. Then the user can demonstrate how to make the network connection & download the files.