

Internet Programming Review – 05/17/2004

CGI

1. What is CGI? How does it work? You should have a clear picture of how CGI programs communicate with the web server and the web client?
2. Or more specifically, you should know what the 3 input methods involved in CGI, ISINDEX, IMAP, and FORM.
3. And how CGI programs obtain data from the web server and how the output is returned? You should know what methods are available and how they work.
4. You should understand well the Java CGI interface I gave and how it is related to the traditional CGI standard.

Tomcat

1. How is a web application organized on Tomcat?
2. You don't need to memorize some details about Tomcat, like how to config it and something like it.

Java Servlets

1. What is servlet? How do you compare servlet and traditional CGI programs? What are its advantages?
2. How does a servlet work? That's the life cycle of Java servlets.
3. What's cookie? How does it work basically?
4. What's session tracking? What can we benefit from it?

JSP

1. What's JSP? Why do we need it?
2. How JSP is used? Special tags are used to embed expressions, declarations, and scriptlets into HTML.
3. How is JSP related to servlet?
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XML

1. What's XML? What's the difference between XML and HTML?
2. Why is XML called meta-language? You should be able to give an XML file to define a given data structure.
3. How is data from XML source presented to the end users?
4. Finally, what is DOM and how is it used basically?