

```

/**
 * Class Name:      : AITPServlet.class
 * Version:        : Release 1 Build 2
 * Date:          : Mar 26 - 2000
 * Author:        : Don Baldwin
 * Copyright      : 2000 ASR Strategic Resources
 *
 * Description:    : This is the main class in
 *                  the application, which handles
 *                  all browser-related logic.
 *
 * Version        Date          Author
 * Release 01     2000 MAR 27   Don Baldwin
 *                                     Tested and accepted
 * Build 02       2000 MAR 27   Don Baldwin
 *                                     Modified the class for the AITP
 *                                     presentation
 * Build 01       2000 MAR 26   Ulf Hedlund
 *                                     Wrote the class
 *
 * Known Bugs     : None
 */

```

```

import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

```

```

import java.io.PrintWriter;
import java.io.IOException;

```

```

/**
 * You will need to modify the name of the server "asrntp01"
 * to the server name that you will run this WAP application on.
 */

```

```

public class AITPServlet extends HttpServlet
{
    private static final String      strHostC
        = "http://asrntp01:8000/servlet/"; // <- Modify server name!

```

```

    private          PrintWriter      objWriter;
    private          WapWriterObject objWapWriter;

```

```

/**
 * The log method redirects the debug log messages easily
 * to wherever we might see fit. Right now it prints to
 * the webwriter if possible (so we can at least debug
 * by reading the page source code).
 */

```

```

public void log(String aStrMessage)
{
    String      strFinalMsg;

    strFinalMsg= "AITPServlet, " + aStrMessage;

    if(objWriter == null)
    {
        System.out.println(strFinalMsg);
    }
    else
    {
        objWriter.println(strFinalMsg);
    }
}

```

```

/**

```

* This method displays the page the user is first presented to
* when he starts the servlet.

```
*/  
private void displayMainPage()  
{  
    objWapWriter.appendText("<card id =\"MainMenu\" title=\"Main Menu\" newcontext = \"true\">");  
    objWapWriter.appendText(" <p align=\"center\">");  
    objWapWriter.appendText(" <anchor>");  
    objWapWriter.appendText("    \"Swedish Greeting\"");  
    objWapWriter.appendText("    \"<go href = '\"+strHostC+\"AITPServlet\" method=\"get\">");  
    objWapWriter.appendText("    \"<postfield name=\"language\" value=\"swedish\"/>");  
    objWapWriter.appendText("    \"</go>");  
    objWapWriter.appendText(" </anchor><br/>");  
    objWapWriter.appendText(" <anchor>");  
    objWapWriter.appendText("    \"English Greeting\"");  
    objWapWriter.appendText("    \"<go href = '\"+strHostC+\"AITPServlet\" method=\"get\">");  
    objWapWriter.appendText("    \"<postfield name=\"language\" value=\"english\"/>");  
    objWapWriter.appendText("    \"</go>");  
    objWapWriter.appendText(" </anchor><br/>");  
    objWapWriter.appendText(" </p>");  
    objWapWriter.appendText("</card>");  
  
    objWapWriter.sendText();  
}
```

/**
* This method displays the selected greeting on the screen.

```
*/  
private void displayGreetingPage(String aStrLanguage)  
{  
    String        strGreeting;  
    AITPReader    objDataReader;  
  
    objDataReader = AITPReader.getAITPReader();  
    strGreeting   = objDataReader.readGreeting(aStrLanguage);  
  
    objWapWriter.appendText("<card id =\"Greeting\" title=\"Greeting\" newcontext = \"true\">");  
    objWapWriter.appendText(" <p align=\"center\">");  
    objWapWriter.appendText(" <big>");  
    objWapWriter.appendText("    strGreeting);  
    objWapWriter.appendText(" </big>");  
    objWapWriter.appendText(" <anchor>");  
    objWapWriter.appendText("    \"Back\"");  
    objWapWriter.appendText("    \"<go href = '\"+strHostC+\"AITPServlet\" method=\"get\"/>");  
    objWapWriter.appendText("    \"</anchor><br/>");  
    objWapWriter.appendText(" </p>");  
    objWapWriter.appendText("</card>");  
  
    objWapWriter.sendText();  
}
```

/**
* This is the main method in most servlets. It handles the GET
* requests from the different browsers.

```
*/  
public void doGet(HttpServletRequest req, HttpServletResponse res)  
{  
    String        strAction;  
  
    try  
    {  
        // Set the content type for wap.  
        res.setContentType("text/vnd.wap.wml");  
        objWriter    = res.getWriter();  
    }  
}
```

```
objWapWriter = new WapWriterObject();
objWapWriter.setWriterObject(objWriter);

strAction = req.getParameter("language");

// If we have a parameter, assume it is a language.
// If we don't, assume we want to see the main page.
if(strAction == null)
{
    displayMainPage();
}
else
{
    displayGreetingPage(strAction);
}

objWriter.close();
}
catch(IOException exclO)
{
    log("doGet(): "+exclO);
}
}

} // END Class AITPServlet.java
```