

## UI Debugger

Following debuggers can be used to debug Unified EIM / Unified WIM UI issues:

- ◇ Microsoft Visual Interdev.
- ◇ Microsoft Script Debugger.
- ◇ Cisco Interaction Manager Debugger.

### Setting up UI Debugger:

- ◇ Install **Visual Interdev** that is part of the ?Microsoft visual studio?.
- ◇ **Microsoft Script Debugger** is installed by default.

Check Start->Programs->Accessories->Microsoft Script Debugger If it is not there then download it (Microsoft Windows Script 5.6) from Microsoft web site and install.

- ◇ **Enable Script Debugging** in Browser
  - Tools->Internet Options->Advanced->Browsing
  - Clear checkbox ?disable script debugging?.
  - Select checkbox ?Display notification about every script error?.
- ◇ **Enable Java Console** in browser (Microsoft VM)
  - Tools->Internet Options->Advanced->Microsoft VM
  - Select(check) all three checkboxes.
- ◇ **Enable Java Console for JDK plug-in** (JDK 1.4.2\_08)
  - Start->Setting->Control Panel->Java Plug-in->right click and open
  - Select Radio button ?Hide Console? under Java Console.
  - Select checkbox ?Show java in system tray?.

### ? Microsoft Script Debugger ? Visual Interdev ? JSP Debugger

Most of the popular Java IDEs have debugging facilities for server-side JAVA.

- ◇ Visual Cafe
- ◇ IBM?s Visual-Age for Java.
- ◇ JBuilder
- ◇ Forte For Java
- ◇ JProbe
- ◇ Java Debugger (JDB)

### Cisco Interaction Manager Debugger Commands:

- ◇ dumpexpr ? Evaluate an Enterpriseion like dumpexpr parentWin.getCache(?userName?).
- ◇ clear ? Clear traces and timer output in debug window.
- ◇ cleartrace ? Clear trace debug window.
- ◇ cleartimer ? Clear timer debug window.
- ◇ traceon ? Turn on tracing.
- ◇ traceoff ? Turn off tracing.
- ◇ show ? Show buffers for this page.
- ◇ hide ? Hide buffers for this page.
- ◇ showall ? Show buffers for all the pages.
- ◇ hideall - Hide buffers for all the pages.

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- ◇ view ? View all frames created in the system.
- ◇ object ? View all pages loaded in the system.
- ◇ timeron ? Turn on timer.
- ◇ timeroff ? Turn off timer.

### **Cisco Interaction Manager UI Debugger Commands:**

- ◇ timerflush ? Remove timer.
- ◇ timerreport ? Create timer report.
- ◇ timerreporton ? Turn timer reporting on.
- ◇ timerreportoff ? Turn timer reporting off.
- ◇ viewcache ? View client cache.
- ◇ contexton ? Turn IE context menu on.
- ◇ contextoff ? Turn IE context menu off.

**Note:** These debug parameters do not have any impact on the UI performance.

### **Java Console:**

#### ◇ **Microsoft VM**

- In Internet Explorer View->Java Console will launch java console for MS VM.

#### ◇ **Java Plug-in**

- Double click on ?Java Console? icon in system tray & set trace level to 5