

Monitoring

This chapter covers the following topics:

- About the Monitoring Tool
 - Invoking the Monitoring Tool
 - Memory
 - Active Sessions
 - System Management
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About the Monitoring Tool

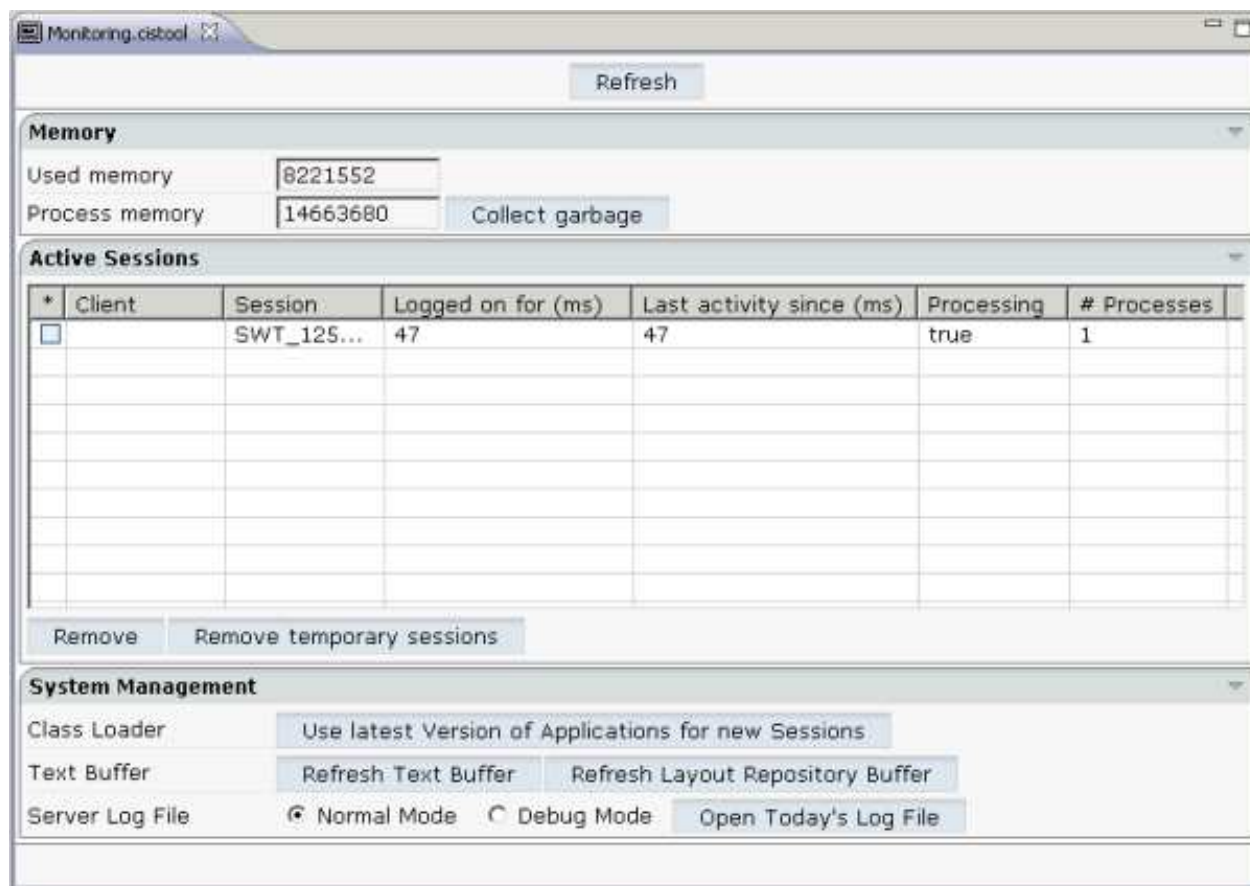
The monitoring tool is used to monitor the sessions that are currently running in the local web container environment.

To monitor the sessions of an application that has been deployed to another web container, you use the monitoring tool directly in the deployed application. A link to that monitoring tool is available on the default index page that is packaged along with the application (see also *Content of a Natural for Ajax Web Application*, which is part of the NaturalONE documentation).

Sessions which are no longer required can be deleted and memory can thus be freed. For more information on sessions, see *Details on Session Management* in *Special Development Topics*.

Invoking the Monitoring Tool

When you invoke the monitoring tool, the following editor appears.



The editor is subdivided into several areas:

- Memory
- Active Sessions
- System Management

Using the **Refresh** button at the very top of the editor, you can reload the information in the editor and thus show the most recent information.

▶ To invoke the monitoring tool

1. In the **Navigator** view, select the project for which you want to invoke the monitoring tool.
2. Invoke the context menu and from the **Ajax Developer** menu, choose **Monitoring**.

Memory

The top of the editor provides the following information:

Option	Description
Used memory	This text box indicates the currently used memory.
Process memory	This text box indicates the available memory.
Collect garbage	When you choose this command button, memory which is no longer used on the server is set free.

Active Sessions

The middle of the editor provides a list with all sessions which are currently active.

The monitoring process itself is also considered as a session. When no other sessions are active, the monitoring process is the only session that is listed in the editor.

The following command buttons are available:

Command Button	Description
Remove	When you choose this command button, the selected sessions are removed from the list of active sessions.
Remove temporary sessions	When you choose this command button, all sessions (except the monitoring session itself) are removed from the list of active sessions.

System Management

The bottom of the editor provides the following information:

Option	Description
Class Loader	<p>When you choose the Use latest Version of Applications for new Sessions command button, a new class loader instance is generated. The most recent versions of your applications are then loaded. For example, when an adapter class has been modified, the modified class is loaded and any changes are immediately in effect.</p> <p>See also <i>Class Loader Concepts</i> in <i>Appendices</i>.</p>
Text Buffer	<p>When you choose the Refresh Text Buffer command button, the most recent versions of your language files are loaded and any changes are immediately in effect.</p> <p>When you choose the Refresh Layout Repository Buffer command button, the most recent versions of your layouts are loaded and any changes are immediately in effect.</p>
Server Log File	<p>The server log file contains a protocol of all interactions with the server. You can select the option button for the required log mode: Normal Mode or Debug Mode. In debug mode, the log contains more detailed information.</p> <p>When you choose the Open Today's Log File command button, a dialog appears showing the content of the log file.</p>