

LoggingMonitor Application – An Easy Way to Monitor your SAP Logging API Configuration

Applies to:

SAP Netweaver 630 and above!

Summary

Configuring the SAP Logging API was never an easy task. Sometimes you simply don't know what the current settings are. LoggingMonitor is a small servlet that can give you a complete picture about current settings inside the SAP Logging API, information you can not currently get from any other tool.

Author(s): Robert Boban (D036224)

Company: SAP AG

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Author Bio



Robert Boban is a senior developer and a coach in SAP CoE Design & Development Architects Group. He has been with SAP since 2001 and in IT/software development since 1988. His broad range of experience covers creating enterprise-level, Web-based systems as well as commercial applications using both Java and Microsoft technology.

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SAP Logging API Configuration

The SAP Logging API stores all configuration settings inside a given LogController instance and a list of all LogControllers in internal collections. There is no magic behind that. Very simple!

Where is the problem!?

All current and default settings have their own storage within the SAP Logging Configuration framework. A developer generally doesn't have an easy way of determining what those settings are. Since changing the SAP Logging API configuration programmatically is forbidden, the developer can only assume that the settings are just as he or she wants them.

During NetWeaver development, and between different releases and patch levels, the Logging Configuration user interface has had several major and minor changes in look and feel, and in expected (and unexpected) behaviors. Due to that (any many other reasons), developers are very keen on getting a clear and correct view of what the current logging configuration is, and of the logging API itself. Almost 90% of problems people face with SAP Logging are connected to misunderstanding of the SAP Logging Configuration concepts. So, that was the problem and still is...

Is there any solution!?

My colleagues from the Log Configuration team are working hard to improve things, and for sure in future versions of NetWeaver some or all of these problems will be solved. Until then...

While digging around on my PC not long ago, I found the old LoggingMonitor application that I developed and used over the past four years I've been working with my beloved SAP Logging API. I was thinking... What should I do with this masterpiece, with this little friend of mine, which saved my life so many times? Then I thought, why not share it with all of you?

Logging Monitor Application

How to use it!?

First, [download the logging monitor application from SDN](#).

Then, here are the steps:

Of course, first you need to deploy the LoggingMonitor.ear first, but after that:

1. Application is on: <http://serverName:httpPort/LoggingMonitor>
2. You can then browse Categories, Locations, and Logs
3. When you are browsing Logs, the LoggingMonitor will write a test message to all existing Logs inside the SAP Logging API internal registry!

4. That's all.. enjoy!

Future Outlook?

As I mentioned before, future versions of the NetWeaver will no doubt bring big improvements in the Management and Monitoring area, including improvements to the SAP Logging API and SAP Configuration Framework!

Related Content

For more information about SAP Logging API please take a look at:

[How to Use Logging and Tracing](#)

[Logging and Tracing Mechanisms in SAP](#)

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