

LexEVS 5.x Server Administration

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Introduction

This document is a section of the [Administration Guide](#).

Configuration Options

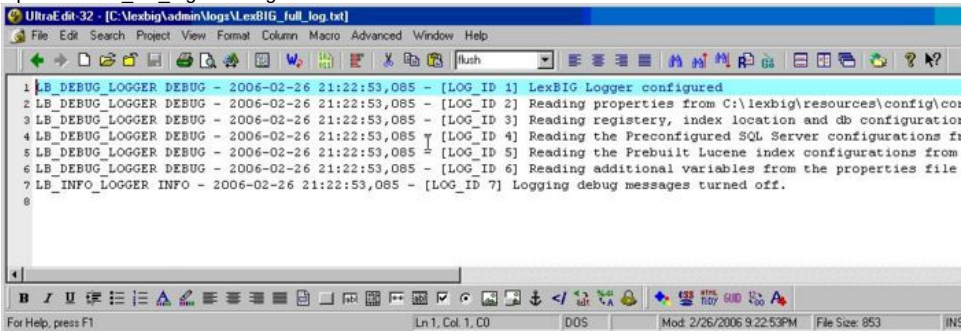
See the section, [Server configuration properties](#) in the Installation Guide.

System Monitoring and Logging

This section describes the configuration and use of LexEVS logs for system monitoring and debugging. The LexEVS service uses a set of log files. The log files are stored based on the LexEVS lbconfig.props file settings. Refer to Modifying the lgconfig.props file for LexEVS on page 23 of the *LexEVS 5.0 Installation Guide* for additional detail regarding the configuration parameters.

To view the LexEVS service and load log files perform the following steps.

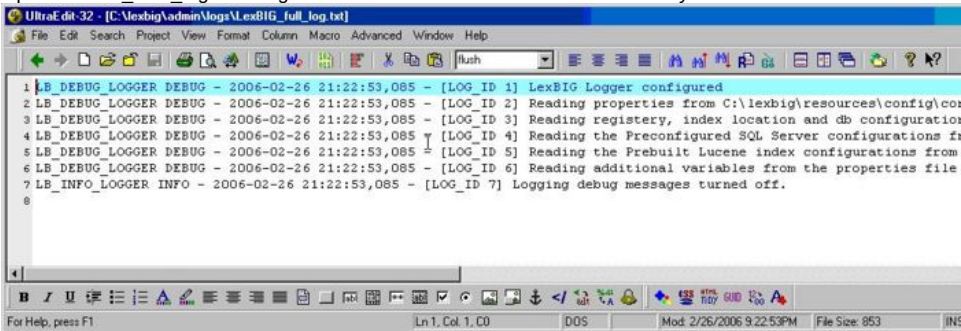
1. Change directory to LexEVS administration directory based on the settings of the lbconfig.props log_file_location setting.
2. Open LexBIG_full_log.txt using text editor to review details about LexEVS service.

A screenshot of the UltraEdit-32 text editor window. The title bar reads 'UltraEdit-32 - [C:\Vesbig\admin\logs\LexBIG_full_log.txt]'. The menu bar includes File, Edit, Search, Project, View, Format, Column, Macro, Advanced, Window, and Help. The toolbar contains various icons for file operations and editing. The text area displays log data with the following content:

```
1 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 1] LexBIG Logger configured
2 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 2] Reading properties from C:\lexbig\resources\config\co
3 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 3] Reading registry, index location and db configuratio
4 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 4] Reading the Preconfigured SQL Server configurations fi
5 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 5] Reading the Prebuilt Lucene index configurations from
6 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 6] Reading additional variables from the properties file
7 LB_INFO_LOGGER INFO - 2006-02-26 21:22:53,085 - [LOG_ID 7] Logging debug messages turned off.
8
```

The status bar at the bottom shows 'Ln 1, Col 1, CO', 'DOS', 'Mod 2/26/2006 9:22:53PM', 'File Size: 953', and 'IN'.

3. Open LexBIG_load_log.txt using text editor to review details about vocabulary load utilities.

A screenshot of the UltraEdit-32 text editor window, identical to the one above. The title bar reads 'UltraEdit-32 - [C:\Vesbig\admin\logs\LexBIG_load_log.txt]'. The menu bar and toolbar are the same. The text area displays the same log data as the previous screenshot:

```
1 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 1] LexBIG Logger configured
2 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 2] Reading properties from C:\lexbig\resources\config\co
3 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 3] Reading registry, index location and db configuratio
4 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 4] Reading the Preconfigured SQL Server configurations fi
5 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 5] Reading the Prebuilt Lucene index configurations from
6 LB_DEBUG_LOGGER DEBUG - 2006-02-26 21:22:53,085 - [LOG_ID 6] Reading additional variables from the properties file
7 LB_INFO_LOGGER INFO - 2006-02-26 21:22:53,085 - [LOG_ID 7] Logging debug messages turned off.
8
```

The status bar at the bottom shows 'Ln 1, Col 1, CO', 'DOS', 'Mod 2/26/2006 9:22:53PM', 'File Size: 953', and 'IN'.

In addition to the log information, system properties are included as part of the system verification test as html or xml format. A sample of the system properties in html is included in the figure below.

Properties of org.LexGrid.LexBIG.test.AllTests - Microsoft Internet Explorer

Properties of org.LexGrid.LexBIG.test.AllTests [Close](#)

Name	Value
ant.file	C:\lexbig2\test\TestRunner.xml
ant.file.LexBIG TestRunner	C:\lexbig2\test\TestRunner.xml
ant.home	C:\lexbig2\test\extlib
ant.java.version	1.5
ant.library.dir	C:\lexbig2\test\extlib\ant
ant.project.name	LexBIG TestRunner
ant.version	Apache Ant version 1.6.5 compiled on June 2 2005
awt.toolkit	sun.awt.windows.WToolkit
basedir	C:\lexbig2\test
DSTAMP	20060227
file.encoding	Cp1252
file.encoding.pkg	sun.io
file.separator	\
java.awt.graphicsenv	sun.awt.Win32GraphicsEnvironment
java.awt.printerjob	sun.awt.windows.WPrinterJob
java.class.path	.\bTest.jar;..\runtime\lbRuntime.jar;.\extlib\ant\ant.jar;.\extlib\ant\ant-junit.jar;.\extlib\ant\ant-trax.jar;.\extlib\ant\ant-launcher.jar;.\extlib\junit\junit.jar;C:\lexbig2\test\extlib\ant\ant-junit.jar;C:\test\extlib\ant\ant-launcher.jar;C:\lexbig2\test\extlib\ant\ant-trax.jar;C:\test\extlib\ant\ant.jar
java.class.version	49.0
java.endorsed.dirs	C:\Program Files\Java\jre1.5.0_06\lib\endorsed
java.ext.dirs	C:\Program Files\Java\jre1.5.0_06\lib\ext
java.home	C:\Program Files\Java\jre1.5.0_06
java.io.tmpdir	C:\DOCUME~1\JDB02~1\MFA\LOCALS~1\Temp\
java.library.path	C:\WINDOWS\system32;.;C:\WINDOWS\system32;C:\WINDOWS;c:\sybase\ODBC;c:\sybase12_5_1\OLEDB;c:\sybase12_5_1\OCS-12_5\bin;c:\sybase\OCS-12_5\ddl;c:\sybase12_5_1\ADO.NET\ddl;c:\sybase12_5\OLEDB;c:\syb\ODBC;c:\sybase12_5\OCS-12_5\ddl;c:\sybase12_5\OCS-12_5\lib3p;c:\syb\OCS-12_5\bin;C:\Perf\bin\";C:\Program Files\IBM\uiima\bin\";C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\S\Wbem;C:\PROGRA~1\GNU\WINCVS~1.3\CVSNT;c:\sybase\bin;c:\sybase\ddl;C:\Program Files\Common Files\Adapte