配置JVM参数

在Smartbi配置时,需要为smartbi配置一定的JVM参数。比如Smartbi在运行过程中,需要占用一定JVM内存,若需要的JVM内存等分配不够,则容易产生内存 溢出 (outofmemory) 等问题。

JVM相关设置项的配置是通过应用服务器进行配置的。

JVM参数

为smartbi配置的JVM参数有哪些呢?可以通过下表查看。一般只涉及到设置 -Xms -Xmx -XX: PermSize -XX: MaxPermSize -XX: +HeapDumpOnOutOfMemoryError 五个参数。

参数名称	建议值	描述
-Xms	512m以上	初始化"堆"大小
-Xmx	16384m及以上	"堆"最大允许大小,指定Java程序中允许使用的最大内存数
	当JVM运行过程中出现java.lang.OutOfMemoryError: Heap space时,应当增大此值,或者使用集群配置减轻并发压力	
-Xloggc	可以在跟踪内存溢出时打开	生成JVM垃圾回收日志,打开这个选项可以跟踪服务器是否存在内存泄漏。IBM JDK (例如WebSphere)生成的文件需要2.2.6中提及的IBM分析工具
-XX:PermSize	64m或以上	JVM为永久生成对象,包括类、方法定义等(Permanate generation)的
-XX:	128m或以上	内存区入小
MaxPerm51ze	当JVM运行过程中出现java.lang.OutOfMemoryError: PermGen space时应当增大此值	
-Xss	一般不需要设置该参数,只有当递归层次过多时应该设置为 128k或以上	为线程保留的堆栈大小
-Dfile.	GBK或UTF-8	设置JVM运行时的默认字符集
encouring		在Unix环境下运行Smartbi时通常需要设置为GBK或UTF-8(操作系统必须 预先安装该语言区域)才可以正常的显示中文
-Duser.	一般不需要设置,但是当出现时间转换字符串后相差八小时	设置JVM的默认时区
/Chongqing	サ中J, 以且/JJA51d/UIUIIgq1IIg	在某些服务器上时间转换为字符串输出(例如灵活分析中查询的数据)可 能出现相差了八个小时,这是因为JVM无法正确的判断服务器的时区信息

当报错信息是 outofmemory: permGen space 时,需要增大-XX:MaxPermSize 的值

当报错信息是 outofmemory: java heap space 时, 需要增大 -Xmx 的值

配置JVM参数

不同引用服务器、不同操作系统、甚至不同的应用服务器版本,配置JVM参数的文件、方式都可能不同,具体可以通过下面的内容进行学习。

由于一般配置JVM参数只需要设置 -Xms -Xmx 和 -XX: MaxPermSize三个参数,有时候还包含 -XX:PermSize,因此以下内容只对基本的这几个设置项进行设 置

注意:此文档只是说明了如何去配置这几个参数,对于部署smartbi来说,在部署的时候对于JVM是有一些必要的参数要配置的。请参考:在各种应用服务器 上手工部署

Tomcat

一、Windows系统

A. 如果Tomcat应用服务器是使用Smartbi exe安装包进行安装的,那么这个Tomcat是smartbi自带的,是经过改造的。设置JVM参数的步骤如下:

1. 关闭应用服务器

2. 进入Tomcat\bin目录,使用编辑方式打开startup.cmd(可以使用notepad++、UltraEdit等编辑工具)

3. 在startup. cmd中最下端找到以下内容

```
24 echo start Smartbi server
25 set JAVA_OPTS=-Xms128m -Xmx6102m
26 "%JAVA_HOME%\bin\java.exe" %JAVA_OPTS% -server -XX:MaxNewSize=256m -XX:MaxPermSize=256
27 if "%errorlevel%"=="1" pause
28
```

修改其中的-Xms ,-Xmx , -XX:MaxPermSize,比如将Xms设置为512m,Xmx修改为 10240m, MaxPermSize修改为512m。修改后如下:

```
24 echo start Smartbi server
25 set JAVA_OPTS=-Xms512m -Xmx10240m
26 "*JAVA_HOME%\bin\java.exe" %JAVA_OPTS% -server -XX:MaxNewSize=256m -XX:MaxPermSize=512m -Dmail.mime.splitlongparameters=fal:
27 if "%errorlevel%"=="1" pause
28
```

B. 如果Smartbi是使用war包部署的,也就是说Tomcat应用服务器是自行安装的,那么设置步骤如下:

1. 关闭应用服务器

2. 进入Tomcat\bin目录。在windows上tomcat是通过startup.bat进行启动的,启动时需要使用到tomcat的一些启动信息。可以用编辑方式打开 startup.bat,找到set "EXECUTABLE 设置项,看看该设置项是指向哪个文件,一般是catalina.bat,那么tomcat的启动信息就是在catalina.bat中定 义的。

😑 star	tup. bat 🔀
32	:gotHome
33	if exist " <catalina_home< bd=""> \bin\catalina.bat" goto okHome</catalina_home<>
34	echo The CATALINA_HOME environment variable is not defined correctly
35	echo This environment variable is needed to run this program
36	goto end
37	: okHome
38	
39	<pre>set "EXECUTABLE=%CATALINA_HOME%\bin\catalina.bat"</pre>
40	
41	rem Check that target executable exists
42	if exist "%EXECUTABLE%" goto okExec
43	echo Cannot find " <mark>%EXECUTABLE%</mark> "
44	echo This file is needed to run this program
45	goto end
46	: okExec
4.7	

3. 找到步骤2中所指向的文件,一般是catalina. bat。用编辑方式打开catalina. bat

在catalina.bat中,一般前面会有一些注释,这些注释列出了此脚本中的一些设置项。其中JAVA_OPTS就是我们接下来即将进行设置的设置项。(如果 没有JAVA_OPTS,而只有JAVA_OPTIONS,那么设置项就是JAVA_OPTIONS,下面的内容中的JAVA_OPTS都换成JAVA_OPTIONS)

41	rem		%CATALINA_BASE%\temp.
42	rem		
43	rem	JAVA_HOME	Must point at your Java Development Kit installation.
44	rem	_	Required to run the with the "debug" argument.
45	rem		
46	rem	JRE_HOME	Must point at your Java Runtime installation.
47	rem		Defaults to JAVA_HOME if empty. If JRE_HOME and JAVA_HOME
48	rem		are both set, JRE_HOME is used.
49	rem		
50	rem	JAVA_OPTS	(Optional) Java runtime options used when any command
51	rem		is executed.
52	rem		Include here and not in CATALINA_OPTS all options, that
53	rem		should be used by Tomcat and also by the stop process,
54	rem		the version command etc.
55	rem		Most options should go into CATALINA_OPTS.
56	rem		
57	rem	JAVA_ENDORSED_D	IRS (Optional) Lists of of semi-colon separated directories
58	rem		containing some jars in order to allow replacement of APIs
59	rem		created outside of the JCP (i.e. DOM and SAX from W3C).
60	rem		It can also be used to update the XML parser implementation.
61	rem		Defaults to \$CATALINA_HOME/endorsed.
62	rem		_
63	rem	JPDA_TRANSPORT	(Optional) JPDA transport used when the "jpda start"
0.0		—	

4. 首先在catalina.bat中, 搜索"JAVA_OPTS", 检查一下该文件中是否已经对该设置项进行了设置。

😑 cat	alina. bat 🔀		
92	rem set TITLE=	Tomcat.Cluster#1.Server#1 [%DATE% %TIME%]	
93	rem		
94	rem		
95	rem		
96	rem \$Id: catalina.bat 1344732 20		
97	rem	直找 一	
98			
99	rem Suppress Terminate batch jok	■找日标:DAVA_OPIS	<u> </u>
100			计数
101	set JAVA_OPIS=*JAVA_OPIS* -DIIIe		P1 9X
102	if "arrange" "" goto ma		杏状所有打开文件
104	if evict "ATEMPA' AunyO run" goto		
105	echo V>"%TEMP%) %~nv0.run"		
106	if not exist "%TEMP%\%~nx0.run"	全词匹配(W)	在当則又任甲宣孩
107	echo Y>"%TEMP%\%~nx0,Y"	□ 匹配大小写(C)	
108	call "%~f0" %* <"%TEMP%\%~nx0.Y'		取消
109	rem Use provided errorlevel		
110	set RETVAL=%ERRORLEVEL%	──查找模式──────────────────────────────────	透明度
111	del /Q " <mark>%TEMP%\%~nx0</mark> .Y" >NUL 2>∢	◎ 普通	◎ 失去焦点后
112	exit /B <mark>%RETVAL%</mark>		◎ 始终
113	:mainEntry		
114	del /Q " <mark>%TEMP%</mark> \ <mark>%~nx0</mark> .run" >NUL 2		ų
115			
116	rem Guess CATALINA_HOME if not d		
117	set "CURRENT_DIR=%cd%"		
118	<pre>if not "%CATALINA_HOME%" == "" g</pre>	oto gotHome	
Line	· Balmut the north company attac		

若文件中已经有对该设置项进行设置,检查一下设置项的内容中是否包含 -Xms , -Xmx, -XX:PermSize 和 -XX: MaxPermSize。如果已经存在,则可 以直接修改对应项的值。

如下:已存在

```
100
     set JAVA OPTS=%JAVA OPTS% -Dfile.encoding=GBK -Xms512m -Xmx2048m -XX:MaxPermSize=512m
101
102
     if not ""%1"" == ""run"" goto mainEntry
    if "%TEMP%" == "" goto mainEntry
103
104
    if exist "%TEMP%\%~nx0.run" goto mainEntry
     echo Y>"%TEMP%\%~nx0.run"
105
    if not exist "%TEMP%\%~nx0.run" goto mainEntry
106
107
     对其直接修改值,比如设置-Xms为256m,-Xmx为10240m,-XX:MaxPermSize为1024m
100
101
     set JAVA OPTS=%JAVA OPTS% -Dfile.encoding=GBF
                                                -Xms256m -Xmx10240m -XX:MaxPermSize=1024m
     if not ""%1"" == ""run"" goto mainEntry
102
     if "%TEMP%" == "" goto mainEntry
103
104
     if exist "%TEMP%\%~nx0.run" goto mainEntry
     echo Y>"%TEMP%\%~nx0.run"
105
     if not exist "%TEMP%\%~nx0.run" goto mainEntry
106
```

107 echo Y>"%TEMP%\%~nx0.Y"

5. 如果检查过整个catalina. bat,发现没有对相应的设置项有进行过设置。那么可以在catalina. bat中注释下方的第一行,添加如下设置(该行添加的位置不要求必须在这个位置)

set JAVA_OPTS = %JAVA_OPTS% -Xms256m -Xmx10240m -XX:MaxPermSize=1024m

如果是tomcat6.0以上,也可使用

set JAVA_OPTS=%JAVA_OPTS% -Dfile.encoding=GBK -Duser.region=CN -Duser.language=zh -Djava.awt.headless=true -Xms8192m -Xmx8192m -XX: MaxPermSize=512m

```
91
    rem
                          Example (all one line)
92
    rem
                          set TITLE=Tomcat.Cluster#1.Server#1 [%DATE% %TIME%]
93
    rem
94
    rem
95
    rem.
96
    rem $Id: catalina.bat 1344732 2012-05-31 14:08:02Z kkolinko $
97
    rem ------
98
99
    rem Suppress Terminate batch job on CTRL+C
100
101
    set JAVA OPTS=%JAVA OPTS% -Xms256m -Xmx10240m -XX:MaxPermSize=1024m
102
103
    if not ""%1"" == ""run"" goto mainEntry
    if "%TEMP%" == "" goto mainEntry
104
105
    if exist "%TEMP%\%~nx0.run" goto mainEntry
106
    echo Y>"%TEMP%\%~nx0.run"
```

二、Linux系统

Linux操作系统上部署Smartbi只能使用war包部署,应用服务器都是自行部署的。设置JVM参数步骤如下:

1. 关闭应用服务器

2.进入Tomcat\bin目录

在linux上tomcat是通过startup.sh进行启动的,启动时需要使用到tomcat的一些启动信息。可以用编辑方式打开startup.sh,找到 EXECUTABE 设置 项,看看该设置项是指向哪个文件,一般是catalina.sh,那么tomcat的x相关启动信息就是在catalina.sh中定义的。

done

PRGDIR=`**dirname** "\$PRG"` EXECUTABLE=catalina.sh

3. 找到步骤2中所指向的文件,一般是catalina. sh。用编辑方式打开catalina. sh

在catalina.sh中,一般前面会有一些注释,这些注释列出了此脚本中的一些设置项。其中JAVA_OPTS就是我们接下来即将进行设置的设置项。(如果 没有JAVA_OPTS,而只有JAVA_OPTIONS,那么设置项就是JAVA_OPTIONS,下面的内容中的JAVA_OPTS都换成JAVA_OPTIONS)

CATALINA TMPDIR (Optional) Directory path location of temporary directory # the JVM should use (java.io.tmpdir). Defaults to # \$CATALINA BASE/temp. # # Must point at your Java Development Kit installation. JAVA HOME # Required to run the with the "debug" argument. # # JRE HOME Must point at your Java Runtime installation. # Defaults to JAVA HOME if empty. If JRE HOME and JAVA HOME # are both set, JRE HOME is used. # # JAVA OPTS (Optional) Java runtime options used when any command # is executed. # Include here and not in CATALINA OPTS all options, that # should be used by Tomcat and also by the stop process, # the version command etc. # Most options should go into CATALINA OPTS.

4. 首先在catalina. sh中, 搜索"JAVA_OPTS", 检查一下该文件中是否已经对该设置项进行了设置。



若文件中已经有对该设置项进行设置,检查一下设置项的内容中是否包含 -Xms , -Xmx, -XX:PermSize 和 -XX: MaxPermSize。如果已经存在,则可 以直接修改对应项的值。

如下:已存在

OS specific support. \$var must be set to either true or false.

JAVA_HOME="/usr/jdk1.7.0_45"
JAVA_OPTS="\$JAVA_OPTS -Xms256m -Xmx2048m -XX:MaxPermSize=512m"

对其直接修改值,比如设置-Xms为256m,-Xmx为10240m,-XX:MaxPermSize为1024m

JAVA_HOME="/usr/jdk1.7.0_45" <mark>JAVA_OPTS</mark>="\$<mark>JAVA_OPTS</mark> -Xms256m -Xmx10240m -XX:MaxPermSize=1024m"

5. 如果检查过整个catalina. sh,发现没有对相应的设置项有进行过设置。那么可以在catalina. sh中注释下方的第一行,添加如下设置(该行添加的 位置不要求必须在这个位置)

JAVA_OPTS = "\$JAVA_OPTS -Xms256m -Xmx10240m -XX:MaxPermSize=1024m" (注意有没有双引号)

Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager" # # \$Id: catalina.sh 1515929 2013-08-20 19:11:24Z markt \$ # -------

OS specific support. \$var must be set to either true or false.

JAVA OPTS="\$JAVA OPTS -Xms256m -Xmx2048m -XX:MaxPermSize=512m"

JAVA_HOME="/usr/jdk1.7.0_45"

注:这里有人会问需不需要配置JAVA_HOME,这个是tomcat自身运行需要的参数。如果电脑上有进行JAVA环境设置,这里不设置的话就是使用系统的 JAVA环境变量;我们也可以自己通过配置JAVA_HOME指定Tomcat使用的jdk。总得来说,和JAVA_OPTS有一定的关联,但是不包含在配置JVM参数这一项 中。

Webshpere

Websphere中设置JVM参数可以在控制台中进行控制。(下面以Websphere8为例)

1. 在浏览器中输入websphere控制台地址,进入控制台界面。

Integrated Solutions Console Welcome

View: All tasks	welcome
= Welcome	Welcome
Guided Activities	
Servers	Inte
 Server Types WebSphere application servers WebSphere MQ servers Web servers 	info Su We
Applications	
 New Application Application Types WebSphere enterprise applications Business-level applications Assets 	
Gervices	
Resources	
⊞ Security	
⊞ Environment	
Users and Groups	
⊞ Monitoring and Tuning	
Gervice integration	
⊞ UDDI	

 Welcome
 ?

 Welcome
 ?

 Integrated Solutions Console provides a common administrative console for multiple products. The table lists the product suites that can be administered through this installation. Select a product suite to view more information.

 Suite Name
 Version

 WebSphere Application Server
 7.0.0.35

Help

2. 点击左侧的Servers -> Server Types -> WebSphere application servers。

如果是中文版的控制台,点击左侧的 服务器 -> 应用程序服务器

Cell=localhostNode01Cell, Profile=xhns View: All tasks • Application servers Welcome Guided Activities Application servers Servers Use this page to view a list of the application servers in your environment and the status of each of these servers. You can also Server Types use this page to change the status of a specific application server. WebSphere application servers WebSphere MO servers Web servers Name 🗘 Node 🗘 Host Name 🗘 Version 🗘 Applications You can administer the following resources: New Application Base 7.0.0.35 localhostNode01 localhost server1 Application Types WebSphere enterprise applications Total 1 Business-level applications Assets E Services Resources

3. 在右侧点击对应的server, 如server1

☑ Security
 ☑ Environment

View: All tacks	Cell=localhostNode01Cell, Profile=xhns		
= Welcome	Application servers		?
IFI Guided Activities			
Servers	Application servers		
E Server Types	Use this page to view a list of the application servers in use this page to change the status of a specific applicati	your environment and the statu ion server.	s of each of these servers. You can also
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Application Types WebSphere enterprise applications	Total 1	locamose	Base 7.0.0.55
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4.展开右下角的Server Infrastructure -> Java and Process Management, 点击Process definition 在中文版控制台界面中,展开右下角的 服务器基础结构 -> Java和进程管理,点击 进程定义

Marrie All Angles	 Start components as needed 	
	Access to internal server classes	Applications
• welcome	Allow T	 Installed applications
		Server messaging
□ Servers	Server-specific Application Settings	Messaging engines
Server Types WebSphere application servers		 Messaging engine inbound transports
 WebSphere MQ servers 		 WebSphere MQ link inbound transports
 Web servers 	Classes loaded with parent class loader first	<u>SIB service</u>
□ Applications		Server Infrastructure
New Application		Java and Process Management
Application Types	Apply OK Reset Cancel	Class loader
 WebSphere enterprise applications 		Process definition
 Business-level applications Assets 		 Process execution
- ASSELS		
Services		
Resources		Communications
		<u>Ports</u>
		Messaging
		T Pressaging
	Coll-localbootNede01Coll_Drotile_vhpc	
View: All tasks	Cell=localhostNode01Cell, Profile=xhns Application servers	?
View: All tasks	Cell=localhostNode01Cell, Prohle=xhns Application servers	2
View: All tasks	Cell=localhostNode01 Cell, Prohle=xhns Application servers Application servers > server1 > Process definition	2
View: All tasks	Cell=localhostNode01Cell, Prohle=xhns Application servers Application servers > server1 > Process definition Use this page to configure a process definition. A process definition definitialize a process.	2 es the command line information necessary to start o
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View: All tasks ■ Welcome ■ Guided Activities ■ Servers ■ Server Types ■ WebSphere application servers ■ WebSphere MQ servers ■ Applications ■ New Application ■ Application Types ■ WebSphere enterprise applications ■ Business-level applications ■ Assets	Cell=localhostNode01Cell, Profile=xhns Application servers Application servers > server1 > Process definition Use this page to configure a process definition. A process definition define initialize a process. Configuration General Properties Executable name Executable arguments	Additional Properties Additional Properties Java Virtual Machine Environment Entries Process execution Process Logs Logging and tracing
View: All tasks ■ Welcome ■ Guided Activities ■ Servers ■ Server Types ■ WebSphere application servers ■ WebSphere MQ servers ■ Applications ■ New Application ■ Application Types ■ WebSphere enterprise applications ■ Business-level applications ■ Assets ■ Services ■ Resources	Cell=localhostNode01Cell, Profile=xhns Application servers Application servers > server1 > Process definition Use this page to configure a process definition. A process definition define initialize a process. Configuration General Properties Executable name Executable arguments	Additional Properties Additional Properties Additional Properties Additional Properties Process execution Process Logs Logging and tracing
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5. 在进程定义界面,点击右侧的 Java Virtual Machine

在中文版控制台界面中,点击右侧的 Java 虚拟机

= Welcome	Application servers	?
Guided Activities	Application servers > server1 > Process definition	
] Servers	Use this page to configure a process definition. A process definition defines the com	mand line information necessary to
 Server Types WebSphere application servers WebSphere MQ servers Web servers 	Initialize a process. Configuration	
∃ Applications	General Properties	Additional Properties
 New Application Application Types WebSphere enterprise applications Business-level applications Assets 	Executable name Executable arguments	Java Virtual Machine Environment Entries Process execution Process Logs
E Services		 Logging and tracing
Resources		
Security	Start command	
Environment		
System administration	Start command arguments	
Users and Groups		
Monitoring and Tuning		
Troubleshooting		
Service integration	Stop command	
JUDDI		
	Stop command arguments	

进入JAVA虚拟机设置界面

View: All tasks	Cell=localhostNode01Cell, Profile=xhns	
= Welcome	Application servers	?
Guided Activities	Application servers > server1 > Process definition > Java Virtual Machine	
Servers	Use this page to configure advanced Java(TM) virtual machine settings.	
Server Types WebSphere application servers WebSphere MQ servers Web servers	Configuration Runtime	
Applications	General Properties	Additional Properties
 New Application Application Types WebSphere enterprise applications Business-level applications Assets 		 <u>Custom</u> properties
	Boot Classpath	
Resources		
Gecurity		
Environment		
System administration	Verbose class loading	
Users and Groups	Verbose garbage collection	
Monitoring and Tuning		
Troubleshooting	Uerbose JNI	
E Service integration	Initial heap size	
⊞ UDDI	1024 MB	

6. 在JAVA虚拟机设置界面中,有三个设置项

- (1) Initial heap size, 即JVM参数中的Xms, 直接输入数值即可
- (2) Maximum heap size, 即JVM参数中的Xmx, 直接输入数值即可
- (3) Generic JVM arguments ,即JVM参数中的其他参数设置。在下方的输入框中输入 -XX:PermSize=256M -XX:MaxPermSize=512m,如下:

View: All tasks	Verbose garbage collection
= Welcome	Verbose JNI
Guided Activities	
Servers	1024 MB
 Server Types WebSphere application servers WebSphere MQ servers Web servers 	Maximum heap size 2048 MB Run HProf
Applications	HProf Arguments
 New Application Application Types WebSphere enterprise applications Business-level applications Assets 	 Debug Mode Debug arguments -agentlib:jdwp=transport=dt_socket,server=y,suspend=n,address=7778
Gervices	Generic JVM arguments
Resources	-XX:PermSize=256M -XX:MaxPermSize=512m
Gecurity	Executable JAR file name
Environment	
System administration	
Users and Groups	Operating system name
Monitoring and Tuning	linux
Troubleshooting	Apply OK Reset Cancel
Gervice integration	

以上三个设置项在中文版控制台界面中对应的设置项分别是

- (1) 初始堆大小
- (2) 最大堆大小
- (3) 通用JVM实参

7.保存设置项,重启动应用即可。

Weblogic

一、Windows系统

1. 关闭应用服务器

2.进入Weblogic目录下对应 domain的启动目录, 一般是 <domain>/bin目录(注意:这里的<domain>在实际上应该是对应的domain名称)

3. 在Windows系统上,对应的配置项是在setDomainEnv. cmd中进行配置的。用编辑方式打开setDomainEnv. cmd

4. 在setDomainEv. cmd中依次搜索,找到Xms、Xmx、XX:PermSize、XX:MaxPermSize,然后修改其值

🔚 setD	omainEnv. cmd🗵			
151	<pre>@REM PATCH CLASSPATH=[myPatchClasspath] (unix)</pre>			
152	<pre>@REM PATCH LIBPATH=[myPatchLibpath] (unix)</pre>			
153	<pre>@REM PATCH PATH=[myPatchPath] (unix)</pre>			
154	-			
155	call "%WL HOME% \common \bin \commEnv.cmd"			
156				
157	set WLS_HOME= <mark>%WL_HOME%</mark> \server	本校		
158		重找		*
159	if "&JAVA_VENDOR&"=="Sun" (查找 替换 文件查找 标记		
160	<pre>set WLS_MEM_ARGS_64BIT=-Xms256m -Xmx1012m -Djava.io.t</pre>			;emp
161	set WLS_MEM_ARGS_32BIT=-Xms256m -Kmx1012m Djararie.t	查找目标:Xms		 查找下一个 ^{;emp}
162) else (
163	<pre>set WLS_MEM_ARGS_64BIT=-Xms512m -Xmx1012m -Djava.io.t</pre>			·emp
164	<pre>set WLS_MEM_ARGS_32BIT=-Xms512m -Xmx1012m -Djava.io.t</pre>			;emp
165)			查找所有打开文件
166				
167	set MEM_ARGS_64BIT=%WLS_MEM_ARGS_64BIT%			在当前文件由查找
168		□全词匹配(₩)		
169	set MEM_ARGS_32BIT=*WLS_MEM_ARGS_32BIT*	□ 匹配大小写(C)		前沿
170	A RETAILS HER CADING & REAL &	☑循环查找		1//1
172	II "GUAVA USE 64BITG"=="Crue" (when I D. Jalle . D.	<u></u>	
172	Set MEM_ARGS=WMEM_ARGS_04B118	当 找模式	万回	☑透明度
174	act MEM ADCE-MEM ADCE 20DITE	● 普通	○向上⋓	 失去焦点后
175	See HEM_ARGS_STEM_ARGS_S2D116	○扩展(\n, \r, \t, \0, \x)	⑥ 向下(D)	○ 始终
176	, ·	○ 正则表达式(E) . 匹配新行	0.1.0	
177	set MEM PERM SIZE 64BIT=-XX:PermSize=128m			
178		Find: Found the 1st occurrence from the to	n. The end of the do	cument has been reached.
179	set MEM PERM SIZE 32BIT=-XX:PermSize=48m			and the been reacted at
180				
181	if "%JAVA USE 64BIT%"=="true" (
182	set MEM PERM SIZE=%MEM PERM SIZE 64BIT%			
183) else (
	I VEV DEBU GEER AVEL DEBU GEER CONTES			

二、Linux系统

1. 关闭应用服务器

2. 进入Weblogic目录下对应 domain的启动目录, 一般是 <domain>/bin目录(注意:这里的<domain>在实际上应该是对应的domain名称)

3. 在Windows系统上,对应的配置项是在setDomainEnv. sh中进行配置的。用编辑方式打开setDomainEnv. sh

4在setDomainEv.sh中依次搜索,找到Xms、Xmx、XX:PermSize、XX:MaxPermSize,然后修改其值



Jboss

- 1. 关闭应用服务器;
- 2. 用编辑方式打开run. sh/cmd文件;
- 3.在JAVA_OPTIONS变量中增加 -Xms8192m -Xmx8192m -XX:PermSize=256M -XX:MaxPermSize=512m
- 4. 重启应用服务器。