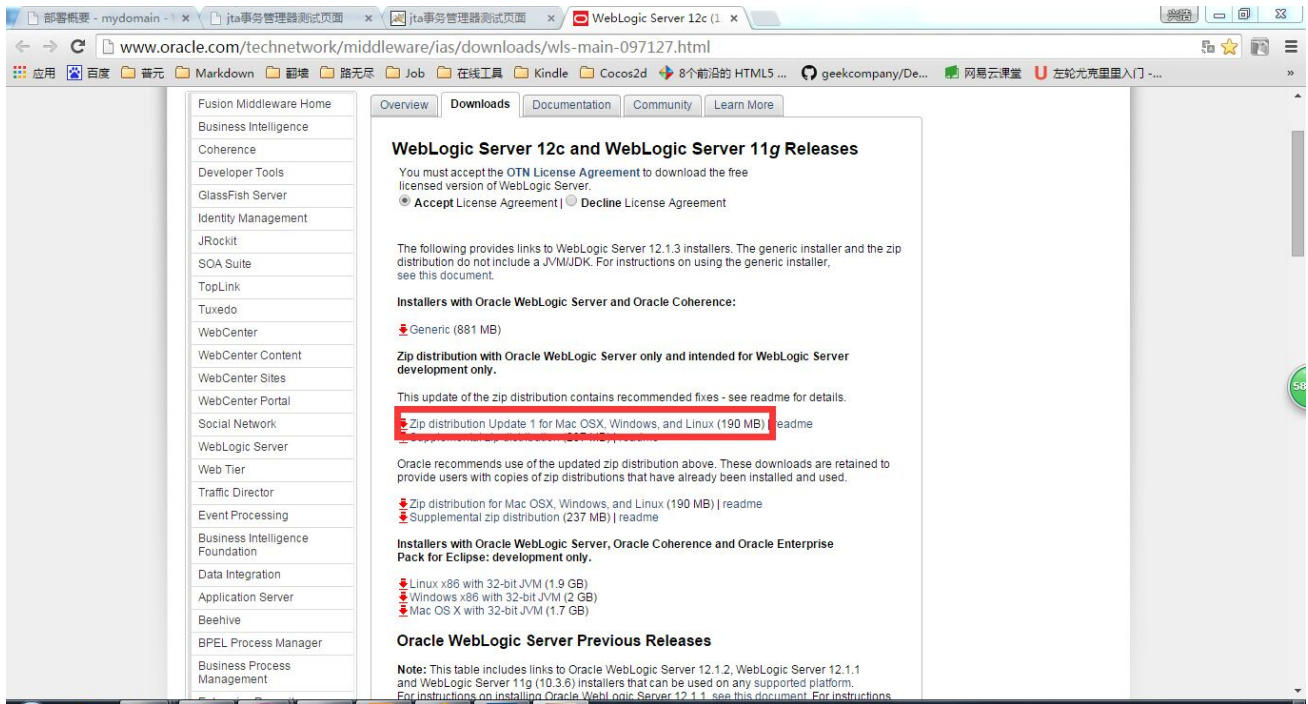


Windows下安装weblogic dev版本 - 平台+

在开发过程中，有一种情况是比较尴尬的：需要用到某个软件，但是只需要用到这个软件中的一小部分功能，这样既浪费的磁盘空间，又浪费了CPU空间。比如Weblogic，完整版包括很多功能，但是开发过程中，只是需要创建数据源、部署项目，然后进行测试即可。所以开发过程中，需要一款简化的Weblogic（Weblogic开发版）是挺有必要的（如果电脑配置比较壕，也可以任性的使用完整版）。

1 选择合适版本的Weblogic

从Oracle官网的中间件[下载页面](http://www.oracle.com/technetwork/middleware/ias/downloads/wls-main-097127.html)中选择合适的版本下载。



<http://www.oracle.com/technetwork/middleware/ias/downloads/wls-main-097127.html>

或者直接从我的百度云上下载。



<http://pan.baidu.com/s/1o6LuteU>

我下载的是wls1213_devzip_update1，就是weblogic12c的1.3.0小版本中的开发版的第一次更新的zip包。

2 开始安装

2.1 设置环境变量

首先设置环境变量:

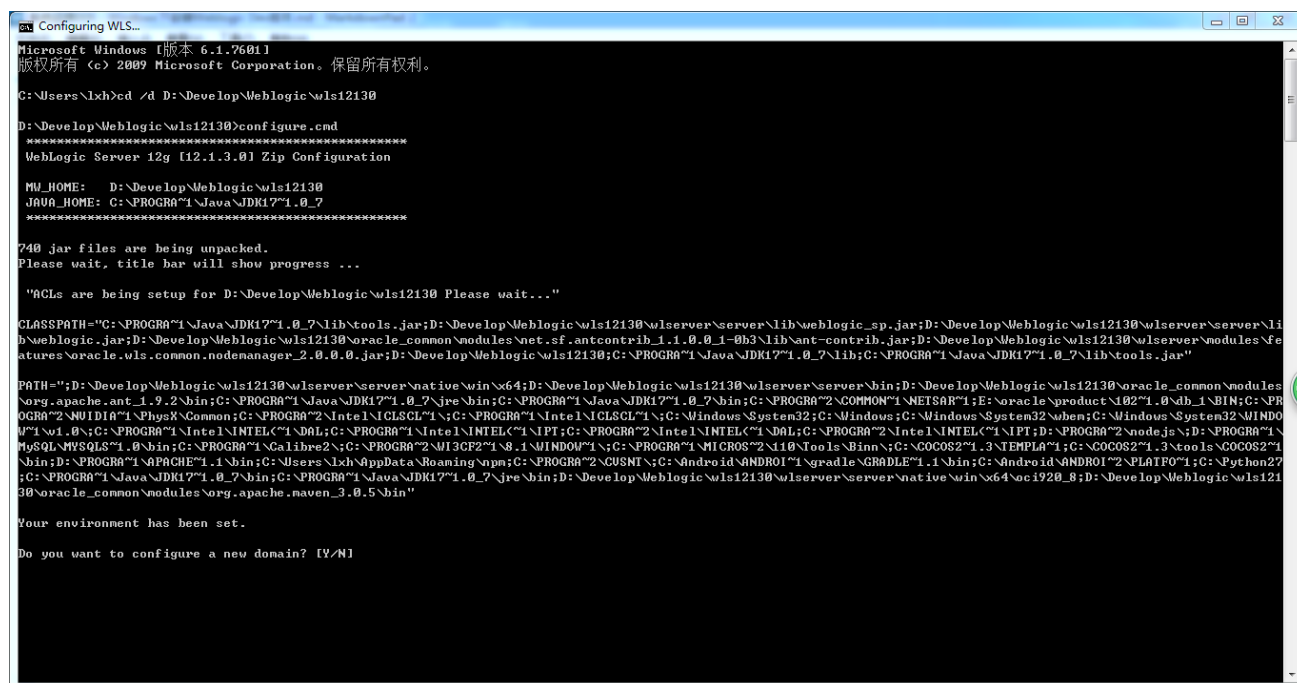
- JAVA_HOME: 指定JDK的安装目录, 我的是C:\Program Files\Java\jdk1.7.0_75
- MW_HOME: 指定weblogic server的目录, 我的是D:\Develop\Weblogic\wls12130
- JAVA_VENDOR: 指定虚拟机类型, Sun或者Oracle, Sun表示使用Sun的HotSpot虚拟机, Oracle表示使用Oracle的JRockit虚拟机。
- VM_TYPE: 指定虚拟机类型

注意: JAVA_VENDOR与VM_TYPE, 在最新的wls12130中, 可以不用设置, 默认为Sun和HotSpot, 如下所示:

```
@rem Set VM_TYPE and JAVA_VENDOR if not setIF (%VM_TYPE%)==( ) set VM_TYPE=HotSpotIF
(%JAVA_VENDOR%)==( ) set JAVA_VENDOR=Sun
```

2.2 执行configure.cmd

直接在cmd命令窗口中运行%MW_HOME%目录下的configure.cmd文件, 这个过程会解压一些jar文件, 知道提示是否配置domain:



Do you want to configure a new domain? [Y/N]

2.3 创建domain

下面两种方法都能够创建weblogic的域domain, 只是默认的名称不同, 第一种字符界面创建的默认域叫做mydomain, 第二种图形界面创建的默认域叫做base_domain, 不止何故。(按照DRY原则, 两种方式应该调用同一部分的创建代码, 也就不会产生不同的名称, 但是看结果是这里用了两套代码。)

1、可以在上面执行configure.cmd命令时, 输入Y, 然后会出现输入用户名、密码的提示:

```
Enter username to boot WebLogic server:Enter password to boot WebLogic server:For
confirmation, please re-enter password required to boot WebLogic server:
```

注意: 密码必须至少包含 8 个字母数字字符, 且至少包含一个数字或一个特殊字符, 否则会报错。

```
Configuring WLS...
Do you want to configure a new domain? [Y/N]
<2015-3-24 下午02时49分30秒 CST> <Info> <Security> <BEA-090905> <Disabling the CryptoJ JCE Provider self-integrity check for better startup performance. To enable this check, specify -Dweblogic.security.allowCryptoDefaultJCEVerification=true.>
<2015-3-24 下午02时49分30秒 CST> <Info> <Security> <BEA-090906> <Changing the default Random Number Generator in RSA CryptoJ from ECDRBG128 to FIPS186PRNG. To disable this change, specify -Dweblogic.security.allowCryptoDefaultPRNG=true.>
<2015-3-24 下午02时49分31秒 CST> <Info> <WebLogicServer> <BEA-000377> <Starting WebLogic Server with Java HotSpot(TM) 64-Bit Server VM Version 24.75-b04 from Oracle Corporation.>
<2015-3-24 下午02时49分31秒 CST> <Info> <Management> <BEA-140013> <D:\Develop\Weblogic\wls12130\user_projects\domains\mydomain\config not found>
Enter username to boot WebLogic server:weblogic
Enter password to boot WebLogic server:
For confirmation, please re-enter password required to boot WebLogic server:
<2015-3-24 下午02时49分58秒 CST> <Info> <Management> <BEA-141254> <Generating new domain directory in D:\Develop\Weblogic\wls12130\user_projects\domains\mydomain.>
<2015-3-24 下午02时50分05秒 CST> <Info> <Management> <BEA-141255> <Domain generation completed in 6,394 milliseconds.>
<2015-3-24 下午02时50分05秒 CST> <Info> <Management> <BEA-141107> <Version: WebLogic Server 12.1.3.0.0 Tue Jan 27 02:49:44 UTC 2015 1654890 >
<2015-3-24 下午02时50分05秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to STARTING.>
<2015-3-24 下午02时50分05秒 CST> <Info> <WorkManager> <BEA-002900> <Initializing self-tuning thread pool.>
<2015-3-24 下午02时50分05秒 CST> <Info> <WorkManager> <BEA-002942> <CMM memory level becomes 0. Setting standby thread pool size to 256.>
<2015-3-24 下午02时50分07秒 CST> <Notice> <Log Management> <BEA-170019> <The server log file D:\Develop\Weblogic\wls12130\user_projects\domains\mydomain\servers\myserver\logs\myserver.log is opened. All server side log events will be written to this file.>
<2015-3-24 下午02时50分08秒 CST> <Notice> <Security> <BEA-090082> <Security initializing using security realm myrealm.>
<2015-3-24 下午02时50分10秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to STANDBY.>
<2015-3-24 下午02时50分10秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to STARTING.>
三月 24, 2015 2:50:10 下午 weblogic.ussee.WseeCoreMessages logWseeServiceStarting
信息: 正在启动 Wsee 服务
<2015-3-24 下午02时50分10秒 CST> <Notice> <Log Management> <BEA-170027> <The server has successfully established a connection with the Domain level Diagnostic Service.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to ADMIN.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to RESUMING.>
<2015-3-24 下午02时50分11秒 CST> <Warning> <Server> <BEA-002611> <The hostname "lxh-PC", maps to multiple IP addresses: 192.168.1.106, 192.168.100.201, fe80:0:0:0:aceccda01:3aa9:2a79:x15, fe80:0:0:0:8c5b:b6b8:cc02:x17.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[7]" is now listening on fe80:0:0:0:8c5b:b6b8:cc02:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[2]" is now listening on fe80:0:0:0:81e2:7d6c:378a:9b8f:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[6]" is now listening on fe80:0:0:0:9152:d078:a368:78cc:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[8]" is now listening on fe80:0:0:0:5efe:c0a8:64c9:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default" is now listening on 192.168.1.106:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[5]" is now listening on fe80:0:0:0:aceccda01:3aa9:2a79:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[4]" is now listening on fe80:0:0:0:0:100:7f:fffe:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[1]" is now listening on 192.168.100.201:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[10]" is now listening on 127.0.0.1:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[11]" is now listening on 0:0:0:0:0:0:1:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[9]" is now listening on fe80:0:0:0:5efe:c0a8:16a:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[3]" is now listening on fe80:0:0:0:151c:e83f:a7ed:ab96:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <WebLogicServer> <BEA-000331> <Started the WebLogic Server Administration Server "myserver" for domain "mydomain" running in development mode.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <WebLogicServer> <BEA-000360> <The server started in RUNNING mode.>
<2015-3-24 下午02时50分11秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to RUNNING.>
```

配置

2、可以通过执行%MW_HOME%\oracle_common\common\bin下的config.cmd，调用图形界面来创建domain:



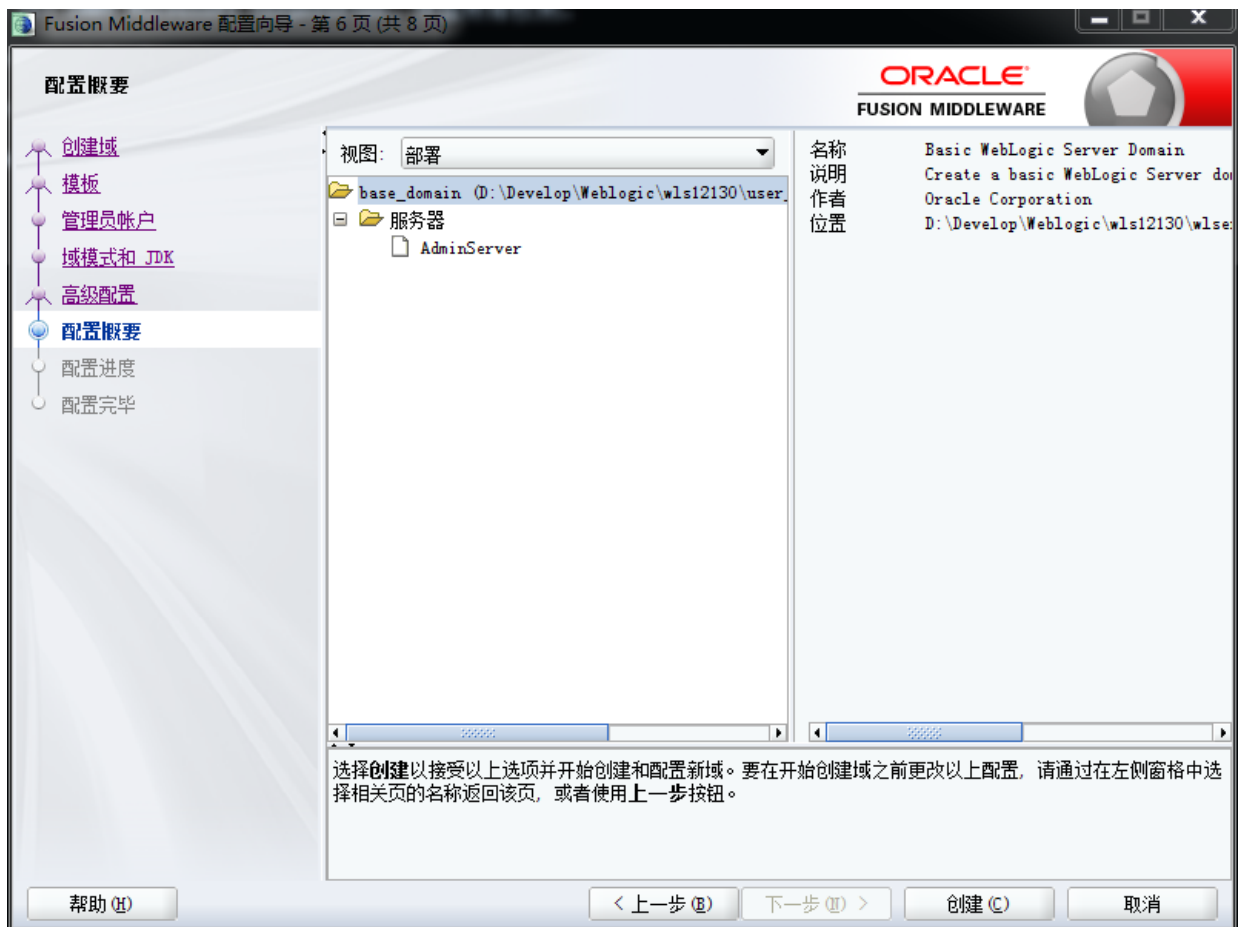
创建域

根据提示输入相应的配置即可，一般来说，只需要在需要输入用户名、密码的地方输入。



管理员账户

其他地方可以一路“下一步”，然后点击“创建”。



下一步

等待domain创建成功。



配置成功

等到提示配置成功，点击完成，然后启动weblogic server即可。

2.4 启动server

通过domain目录（我的是D:\Develop\Weblogic\wls12130\user_projects\domains\base_domain）中的startWeblogic.cmd启动，这个过程没有报错，且最后出现 Server state changed to RUNNING 字样，说明启动成功。

```
C:\Windows\system32\cmd.exe - startWeblogic.cmd
<2015-3-24 下午03时28分55秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to STARTING.>
<2015-3-24 下午03时28分55秒 CST> <Info> <WorkManager> <BEA-002900> <Initializing self-tuning thread pool.>
<2015-3-24 下午03时28分55秒 CST> <Info> <WorkManager> <BEA-002942> <CMM memory level becomes 0. Setting standby thread pool size to 256.>
<2015-3-24 下午03时28分57秒 CST> <Notice> <Log Management> <BEA-170019> <The server log file D:\Develop\Weblogic\wls12130\user_projects\domains\base_domain\servers\AdminServer\logs\AdminServer.log is opened. All server side log events will be written to this file.>
<2015-3-24 下午03时28分59秒 CST> <Notice> <Security> <BEA-090082> <Security initializing using security realm myrealm.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to STANDBY.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to STARTING.>
三月 24, 2015 3:29:01 下午 weblogic.wsee.WseeCoreMessages logWseeServiceStarting
信息: 正在启动 Wsee 服务
<2015-3-24 下午03时29分01秒 CST> <Notice> <Log Management> <BEA-170027> <The server has successfully established a connection with the Domain level Diagnostic Service.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to ADMIN.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to RESUMING.>
<2015-3-24 下午03时29分01秒 CST> <Warning> <Server> <BEA-002611> <The hostname "lxx-PC", maps to multiple IP addresses: 192.168.1.106, 192.168.100.201, fe80:0:0:0:acec:da01:3aa9:2a79:15, fe80:0:0:0:8c5b:bf6b:8aad:cc02:17.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[7]" is now listening on fe80:0:0:0:8c5b:bf6b:8aad:cc02:17 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[2]" is now listening on fe80:0:0:0:81e2:7d6c:378a:9b8f:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[6]" is now listening on fe80:0:0:0:9152:d078:a368:78cc:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[8]" is now listening on fe80:0:0:0:5efe:c0a8:64c9:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default" is now listening on 192.168.1.106:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[5]" is now listening on fe80:0:0:0:acec:da01:3aa9:2a79:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[4]" is now listening on fe80:0:0:0:100:7f:fffe:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[1]" is now listening on 192.168.100.201:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[10]" is now listening on 127.0.0.1:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[11]" is now listening on 0:0:0:0:0:0:0:0:1:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[9]" is now listening on fe80:0:0:0:5efe:c0a8:16a:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <Server> <BEA-002613> <Channel "Default[3]" is now listening on fe80:0:0:0:151c:e83f:a7ed:ab96:7001 for protocols iiop, t3, ldap, snmp, http.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <WebLogicServer> <BEA-000331> <Started the WebLogic Server Administration Server "AdminServer" for domain "base_domain" running in development mode.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <WebLogicServer> <BEA-000360> <The server started in RUNNING mode.>
<2015-3-24 下午03时29分01秒 CST> <Notice> <WebLogicServer> <BEA-000365> <Server state changed to RUNNING.>
```

Server state changed to RUNNING

可以通过<http://localhost:7001/console>，进入控制台，开始使用weblogic server。



进入控制台

[Windows下安装weblogic_dev版本](#)