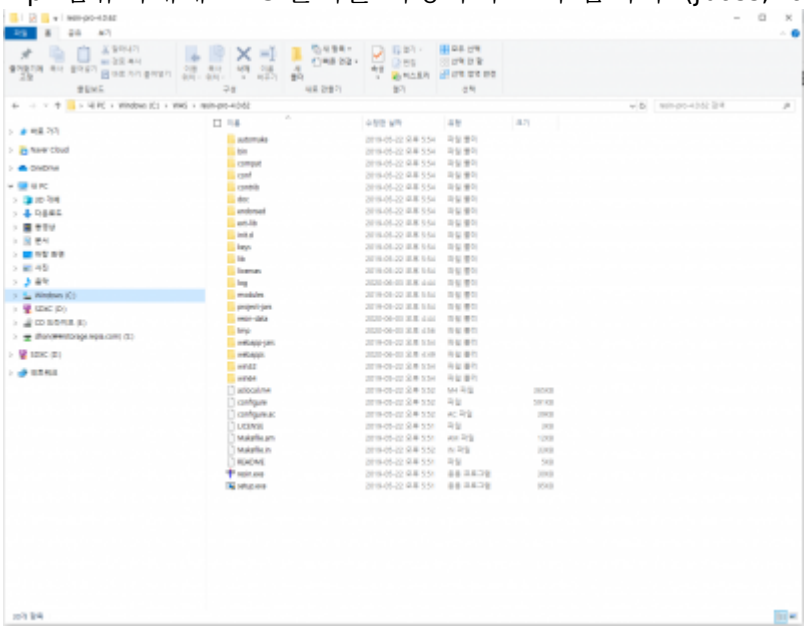
Resin

- description : Resin과 관련된 내용 기술
- author : 주레피
- email : dhan@repia.com
- lastupdate : 2020-06-04

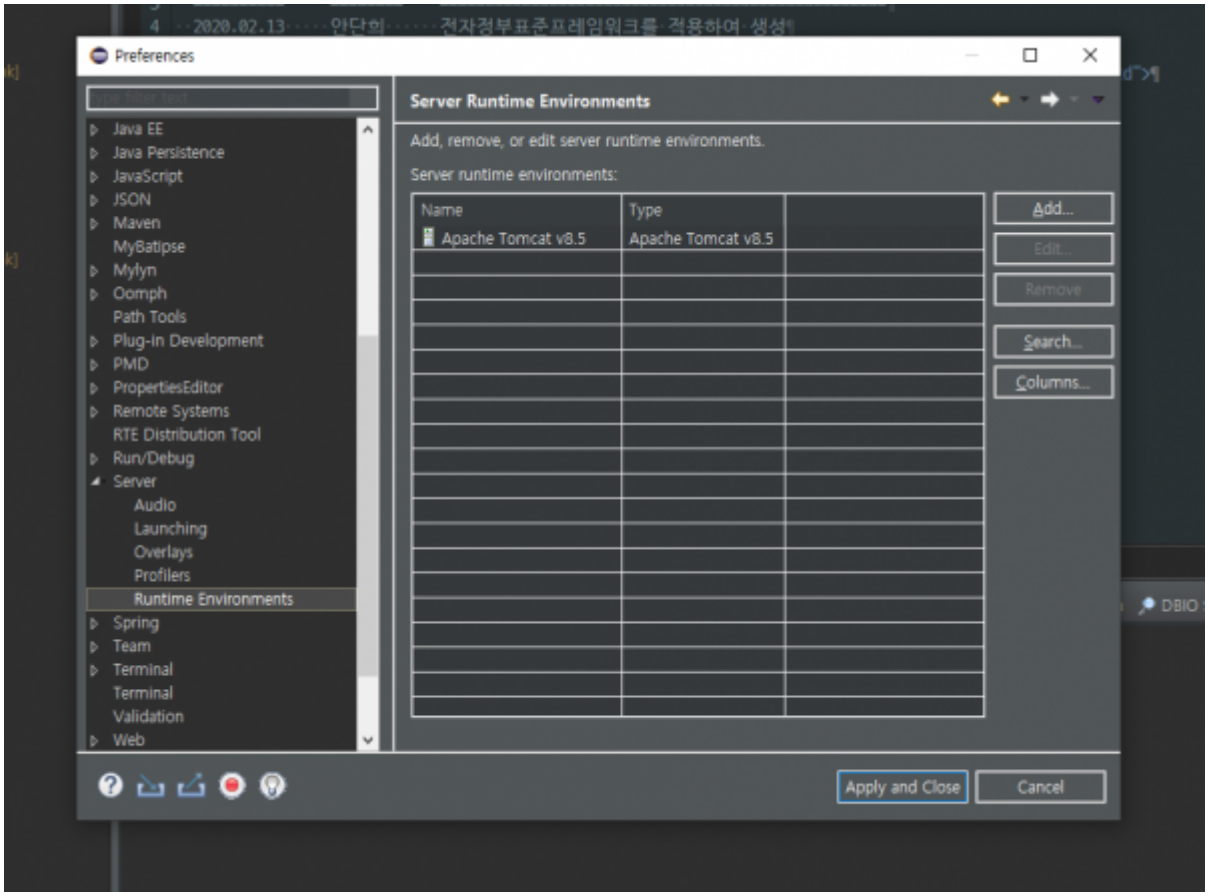
Eclipse 연동 방법

1. resin 다운로드
resin download
Resin Pro 4.0.x를 OS에 맞게 다운로드 합니다.

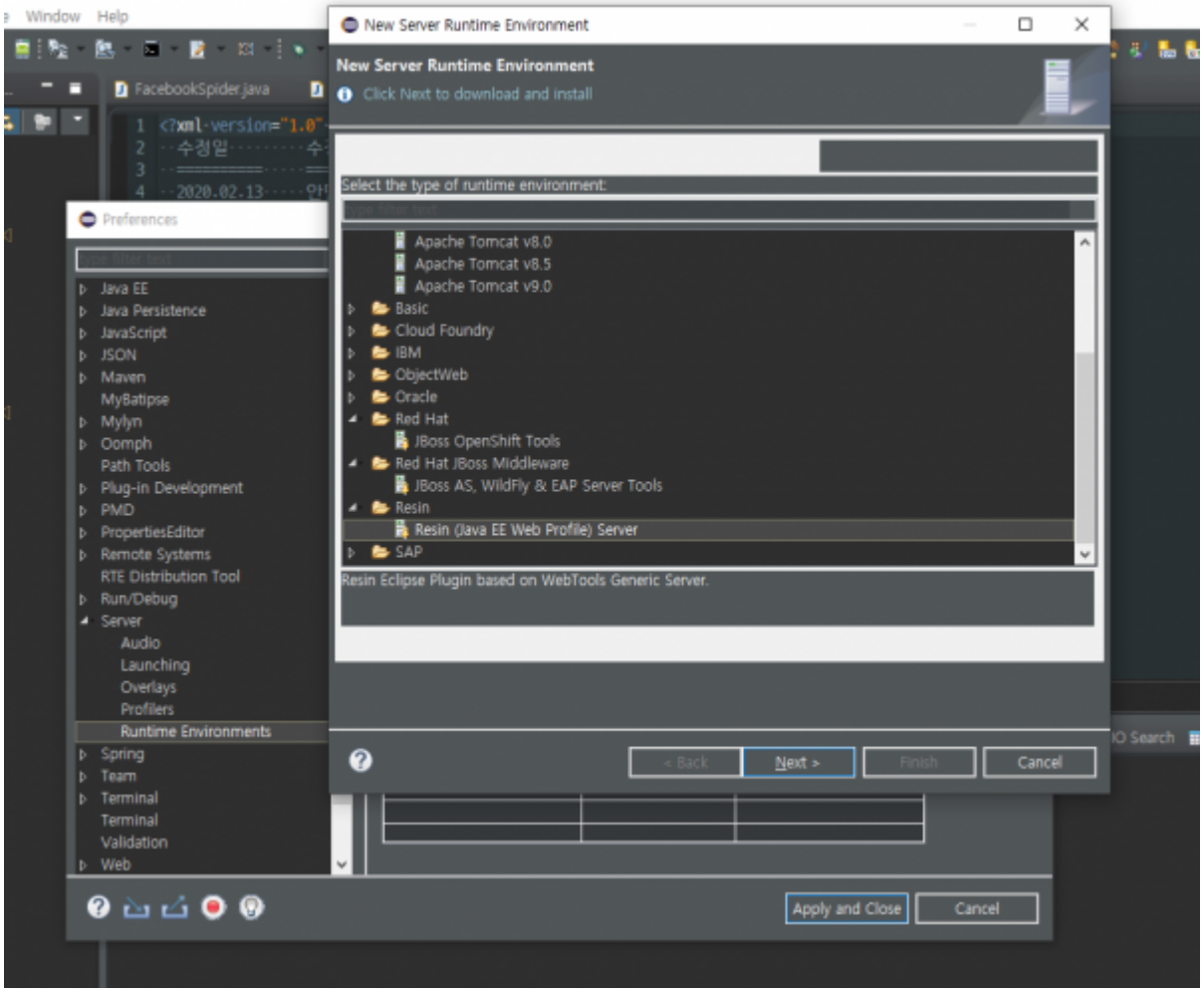
2. resin 압축 해제
Tip: 컴퓨터내에 WAS 폴더를 지정하여 모아 둡니다. (jboss, tomcat, weblogic, jeus, resin, ...)



3. eclipse 서버 추가
3.1


Preferences
Server Runtime Environments
Add, remove, or edit server runtime environments.
Server runtime environments:
Name
Type
Apache Tomcat v8.5
Apache Tomcat v8.5
Add...
Edit...
Remove
Search...
Columns...
Java EE
Java Persistence
JavaScript
JSON
Maven
MyBatipse
Mylyn
Oomph
Path Tools
Plug-in Development
PMD
PropertiesEditor
Remote Systems
RTE Distribution Tool
Run/Debug
Server
Audio
Launching
Overlays
Profilers
Runtime Environments
Spring
Team
Terminal
Terminal
Validation
Web
Apply and Close
Cancel

3.2


New Server Runtime Environment
New Server Runtime Environment
Click Next to download and install
Select the type of runtime environment:
Apache Tomcat v8.0
Apache Tomcat v8.5
Apache Tomcat v9.0
Basic
Cloud Foundry
IBM
ObjectWeb
Oracle
Red Hat
JBoss OpenShift Tools
Red Hat JBoss Middleware
JBoss AS, WildFly & EAP Server Tools
Resin
Resin (Java EE Web Profile) Server
SAP
Resin Eclipse Plugin based on WebTools Generic Server.
< Back
Next >
Finish
Cancel
Preferences
Apply and Close
Cancel

Jndi 설정법

jndi(Java Naming and Directory interface) 설정 // Was Server 마다 넣는 위치와 포맷이 다름

```
<database>
  <jndi-name>jdbc/mysql</jndi-name>
  <driver type="com.mysql.jdbc.Driver">
    <url>jdbc:mysql://localhost:3306/database</url>
    <user>user</user>
    <password>password</password>
  </driver>
  <prepared-statement-cache-size>64</prepared-statement-cache-size>
  <max-connections>20</max-connections>
  <max-idle-time>30s</max-idle-time>
</database>

<database>
  <jndi-name>jdbc/oracle</jndi-name>
  <driver type="oracle.jdbc.pool.OracleConnectionPoolDataSource">
    <url>jdbc:oracle:thin:@127.0.0.1:1521:xe</url>
    <user>user</user>
    <password>password</password>
    <connectionProperties>
      <SetBigStringTryClob>true</SetBigStringTryClob>
    </connectionProperties>
  </driver>

  <prepared-statement-cache-size>64</prepared-statement-cache-size>
  <max-connections>20</max-connections>
  <max-idle-time>30s</max-idle-time>
</database>

<database>
  <jndi-name>jdbc/mssql</jndi-name>
  <driver type="com.microsoft.sqlserver.jdbc.SQLServerDriver">
    <url>jdbc:sqlserver:// 127.0.0.1:1433;DatabaseName=database</url>
    <user>user</user>
    <password>password</password>
  </driver>
  <prepared-statement-cache-size>64</prepared-statement-cache-size>
  <max-connections>20</max-connections>
  <max-idle-time>30s</max-idle-time>
</database>

<database>
  <jndi-name>jdbc/db2</jndi-name>
  <driver type="com.ibm.db2.jcc.DB2Driver">
    <url>jdbc:db2://127.0.0.1:50000/database</url>
    <user>user</user>
    <password>password</password>
```

```
  </driver>
  <prepared-statement-cache-size>64</prepared-statement-cache-size>
  <max-connections>20</max-connections>
  <max-idle-time>30s</max-idle-time>
</database>
```

사용 예시

```
<%@ page contentType="text/html; charset=utf-8" %>
<%@ page import="javax.naming.*, java.sql.*, javax.sql.*" %>
<%
String jndi = "java:comp/env/jdbc/mysql";
InitialContext ctx = new InitialContext();     // 현재 실행중인 등록된 컨텍스트를 가져옴
DataSource ds = (DataSource)ctx.lookup(jndi); // 데이터소스 획득

Connection conn = null;
Statement stmt = null;
ResultSet rs = null;

try
{
   conn = ds.getConnection();
   stmt = conn.createStatement();
   rs = stmt.executeQuery("SELECT name, email, age FROM tb_user");
   while(rs.next())
   {
      out.println(rs.getString("name") + "<br>");
   }

}
catch(Exception e)
{
   out.print(e);
}
finally // 리소스 반환
{
   if(rs != null) rs.close(); rs = null;
   if(stmt != null) stmt.close(); stmt = null;
   if(conn != null) conn.close(); conn = null;
}
%>
```

Tip

Troubleshooting

Ref

레진(Resin)에서 데이터베이스 연동하기
Java+Resin+Eclipse = JSP 개발환경 만들기

주레피

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