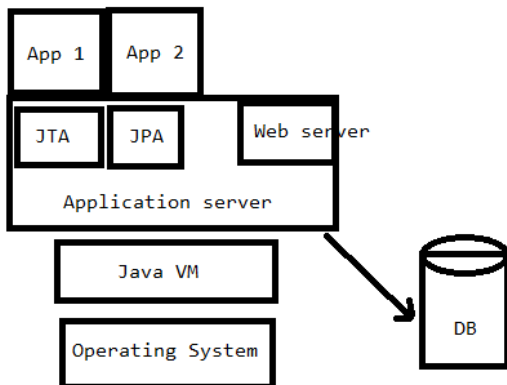


JBoss application server

Application Server



App. Server --> small operating system

- built in components (services, transaction management, scheduler, web server)
- create services easily (servlets, web services, message queues, DB connections, caches, etc..)

- 1.) download JBoss developer tool from www.jboss.org - "Red Hat JBoss Developer Studio"
- 2.) start `jbdevstudio.bat`
- 3.) create a "dynamic web project" -> name of it should be "First"
- 4.) create an `index.html` file into the `WebContent` folder
- 5.) right click on the project and select `Run as/Run on Server`
- 6.) locate <http://localhost:8080/First/> in your browser

Create a servlet

- 1.) right click on project and click `new/servlet`
- 2.) servlet name: `MyServlet`
- 3.) package: `org.ait`
- 4.) finish
- 5.) add the following code as `doGet()` method:

```
protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
    String p1 = request.getParameter("number1");
    String p2 = request.getParameter("number2");
    int result = Integer.parseInt(p1) + Integer.parseInt(p2);
    PrintWriter writer = response.getWriter();
    writer.print("<html> <body> result = " + result + " </body> </html>");
    writer.flush();
    writer.close();
}
```

- 6.) locate <http://localhost:8080/First/MyServlet?number1=1&number2=2> in your browser

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