**Servlet**

1. **前端介面透過servlet傳遞需求資訊給web-Server(tomcat..),支援java語法的webServer只能透過servelt溝通**
2. **Servlet運作流程**
   1. **撰寫好的servlet檔會在web.xml註冊名稱->定義超連結**
   2. **前端網頁透過超連結到web.xml找到相對應的servlet檔**
   3. **Servlet3.0以後**
      1. Annotation:現在管理大型web主流應用
      2. @webServlet
3. **Servlet API**
   1. **Servlet**
      1. Init()
      2. Service()
      3. Destroy()
   2. **GenericServlet**
      1. Init-🡪overloading
      2. Log
      3. Get….
   3. **HttpServlet**
      1. Request:傳遞訊息方式
         1. Tcp規則:Get,post,put,delete
         2. Service
            1. doGet,doPost,doPut,doDelete
      2. HttpServletRequest:接收
      3. HttpServletResponse:回應
   4. **Response**
      1. Implements ServletResponse
         1. getWriter
         2. setContentType
         3. setCharacterEncoding
      2. HttpServletResponse
         1. sendRedirect
   5. **Request**
      1. Implements ServletRequest
         1. getParameter
         2. getParameterValues
         3. setCharacterEncoding
         4. setAttribute
         5. getAttribute
      2. HttpServletRequest
         1. getSession
         2. getCookies
4. **Cookie**
5. **Session**