**HOW TO SET NO-CACHE HEADERS IN A JAVA EE APPLICATION’S RESPONSE (USING A SPRING CONTROLLER)**

[ENTERPRISE DEVELOPMENT](https://www.alex-arriaga.com/category/enterprise-development/), [JAVA EE](https://www.alex-arriaga.com/category/enterprise-development/java-ee/)  [NO REPLY](https://www.alex-arriaga.com/how-to-set-no-cache-headers-in-a-java-ee-applications-response-using-a-spring-controller/#respond)

Sometimes when you do a request to a Java service you will need to add some custom headers in the response, for example, today I was creating a service to get the current logged user data and I realized one client was storing (creating a cache) the response and sometimes the service was not working as expected.

public *@ResponseBody* UserProfileResponse getUserProfileInXML(HttpServletRequest request, HttpServletResponse response) {

// UserProfileResponse and UserProfileService are MY custom classes, but you can retrieve any class you want!

UserProfileResponse profileResponse = new UserProfileResponse();

UserProfileService service = UserProfileService.getInstance(); // A singleton class

Principal principal = (Principal) request.getUserPrincipal();

if (principal != null) {

profileResponse.setUserProfile( service.getUserProfile(principal.getName()) );

}

// Setting response's headers

response.setHeader("Cache-Control", "no-cache, no-store, must-revalidate"); // HTTP 1.1.

response.setHeader("Pragma", "no-cache"); // HTTP 1.0.

response.setDateHeader("Expires", 0); // Proxies.

return profileResponse;

}

# How do I prevent the output of my JSP or Servlet pages from being cached by the browser?

You will need to set the appropriate HTTP header attributes to prevent the dynamic content output by the JSP page from being cached by the browser.

Just execute the following scriptlet at the beginning of your JSP pages to prevent them from being cached at the browser. You need both the statements to take care of some of the older browser versions.

<%

response.setHeader("Cache-Control","no-cache"); //HTTP 1.1

response.setHeader("Pragma","no-cache"); //HTTP 1.0

response.setDateHeader ("Expires", 0); //prevents caching at the proxy server

%>