

## Abstract

Generally, AJAX application using XML as interchange data formats. But nowadays, there is JSON which is claimed more efficient and easier to be translated into data in AJAX application. JavaScript which is main language to build AJAX application has built-in eval function for translating JSON data into JavaScript Object. But, eval function can execute JavaScript functions inside JSON data which is make our application to be vulnerable to attack by infiltrate JavaScript function into JSON data.

For replacements of eval function, there are many ways to handle this problem. Two of them are using library function by Douglas Crockford and using framework DWR.

Using library function to create output consume fewer time than using DWR framework. But if data contains JavaScript code, library function do not give an output as it's expected, it just return an exception error. DWR *framework* need more time to translate data but it always return data as it's expected even the data contains JavaScript code.

**Keywords** : AJAX, JSON, DWR, JavaScript function infiltration attack.