

Assignment - B7

Title:- study & demonstrate the use of encoding & decoding JSON object using Java.

Problem Statement :-

Study & demonstrate the use of encoding & decoding JSON objects using Java.

Objective :- To understand & implement encoding & decoding of JSON object

S/W & H/W :- Eclipse, Java, 64 bit OS, Fedora,

Theory:-

JSON extension is bundled with PHP by default from version 5.2.0 so there is no need of any special environment.

JSON Functions :-

- 1) JSON encode :- It returns the JSON representation of a value.
- 2) JSON decode :- It decodes a JSON String.

3) JSON_last_error : It returns the last error occurred

Encoding :-

`json_encode()` Function is used for encoding which returns JSON-representation of a value.

Syntax

string `json_encode` (`$value` [`$options`])

The `value` parameter specifies value being specified it warns only with UTF-8 encoded data.

Decoding :-

`json_decode()` function is used for decoding JSON object to php.

Syntax :-

`json_decode` (`$json` [`$assoc = false` [`$depth = 5`,] [`$options = 0`]])

Parameter :-

`json_string` It is encoded string which must be UTF-8 encoded data.

assoc It is boolean type parameters when set to true, returned objects will be converted into associated arrays.

depth:- It is an integer type parameter -r which specifies recursion depth.

options :- It is an integer type bit-mask of json decode suppresser Json string.

Conclusion :-

We have studied & demonstrated the use of encoding & decoding object using Java.