Json

**##json vs xml**

A screen shot of a computer

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Json file A screen shot of a computer program

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Xml file

A computer screen with text and images

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**## Json syntext**

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##Json => js object

Js object => json = A black screen with green text

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##Async sync

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The call stack will be like this

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###Event Loop ,Call Stack

Call stack contains the async functions and work as LIFO

callback Queue queue contains any async function as setTimeout() it work as FIFO.

Event Loop is Watching for the call stack when it be empty the Event loop get the async functions from the callback queue add all to the call stack

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###AJAX

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##Request and Response

Ready state value range [0-4]

When Ready state=4 mean that the request finished but not necessary that the request success it maybe failed or not found ets …

So we must check the ready state and the status code to confirm that the the request fine and there response.

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## Dealing with the data in response

Loop on data

A computer screen shot of a program code

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