

Library v/s Frame Work

Library and frame work are depends on some rules. For example we can take school and home. Here school is a frame work and home is a library. When you have less number of rules it is more likely library. When there are more number of library then it is a frame work. That is in our home we are freely to wear any kinds of dress and place our bag and book on anywhere in the home but in school there is a dress code and fixed place for bag and books etc. That is library moreover like your home its like what ever I want to do I can do it. Similarly frame work is bounded with rules that you have to do certain kinds of things. Lets take another example library is a collection of codes , some functions , document object model all are packed together and is being used moreover. When you make a call for function that is most likely to library. You have the power to call the code when ever you like. But in frame work, frame work calls your code and further your code can call the library. One more example is jquery ang jango.

What is REST API

API is the Application Programming Interface. We have some application that we can access. There is a server and client. We are the clients. API is used to connect the client into the server. Client sent a request to the server and server gives the response back to the client. Normally server sent response as html webpages. But the client don't need html page they want data. XML and JSON are used to arrange the structure of the data. XML is Extensible Markup Language. It has a structure. JSON is Java Script Object notation which also have a structure both of these are used to arrange the data. If we get java object then it is known as state of the object. Crude consist the following methods POST,GET,PUT,DELETE .

XML And JSON Processing

XML is Extensible Markup Language. And JSON is Java Script Object Notation. API is the Application Programming Interface used to communicate between the application. Here datas are stored in a tree structure. For example if there is a root node that is weather and it has five children like Monday Tuesday..Friday. again the children consist of their children like temperature low , high, medium etc. XML provided the capability to display data because it is a markup language. JSON files are more human readable then XML. JSON supports only text and number data type. But JSON is better than XML and also much simpler than XML. It is intended only for describing data as object hierarchy.

Event Driven Programming

The flow of program excecution is determined by events. For example user actions such as mouse click, key press or a message from the OS or another program. Events are fired. Trigger functions in event driven programming are that decide what code to run when a specific event occurs. Trigger functions are used to select which event handler to use the specific event that has occured