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JavaScript Videos                    :: Uploaded in Resource section[Full Stack Java
Batch]
Revision class of JavaScript on :: Saturday[3.00PM]
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Tommo topic :: SpringAOP[Morning 7.00AM]
Link :: https://us06web.zoom.us/j/82753287803


SpringRest and Microservices[Pre-Requisite:: SpringBoot and SpringMVC]
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Distrubuted Applications
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 1. Using java we can develop several types of applications
      a. CUI and GUI based applications
      b. Web applications
      c. Distrubuted applications.

CUI and GUI based applications
==============================
 We prefer using J2SE module[CoreJava] of java to build these type of applications
  1. CUI => Character User Interface applications
          eg: Console based applications[Notepad,calculator,....]
  2. GUI => Graphical User Interface applications(Swings, Applets)
          eg: Eclipse,Zoom,MS-Office

If we build CUI/GUI applications every user should install these apps in their
machine to use.
Standalone applications are specific to machine.

Web applications
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 We prefer using JEE module(Servlet,JSP) and Spring MVC to build these type of
applications

=> The applications which runs over the internet is called "webapplications".
=> These application no need to download and no need to install.
=> Anybody can access webapps from any location using browser with internet.
          eg: Gmail,Facebook,IRCTC etc,...
=> It uses client and server architecture.
=> client (browser) and in server computer we have project.
Note: Main theme is Customer - Buisness communication.

Distrubuted applications
========================
   We prefer using WebServices and RestFulSevices to develop "Distrubuted
applications".
=> The application which is communicating with other applications is called as
"Distrubuted applications".
=> Distrubuted applications are meant for Buisness - Buisness communication.
          eg: browser========> flipart===========> paypal ===========>
visa/Master/upi ============> SBI/ICICI
                        webapps     distrubuted          distrubuted
distrubuted

payment gateway => visa/master/upi provides world wide infrastructure to perform
cards based transactions.
paypal -> It acts as a brigde between ecommerce site and payment gateway.
The cards issued by visa/master/upi will be given to customer through banks by
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linking with bank accounts.

=> We need Distrubuted applications becoz of reusing the buisness process.
      usecase 1: Ineuron company----to generate salary slip -------> Excility
global
      usecase 2: Ineuron company----to display weather forecast-----> IBM weather
App
      usecase 3: Passport App -------> Adhar App

Technologies available to build Distrubuted applications are
  a. CORBA
  b. RMI
  c. EJB
  d. Webservices[Soap and XML]
  e. RESTFul services(RepresentationStatefull Services)[SpringReST]