**JSF Document**

**Configuring JSF Project**

* If you want to create JSF project first you to create simple Dynamic Web Project in Eclipse.
* Do some modification in project to support JSF in it as follows
  + Install two jars shown below

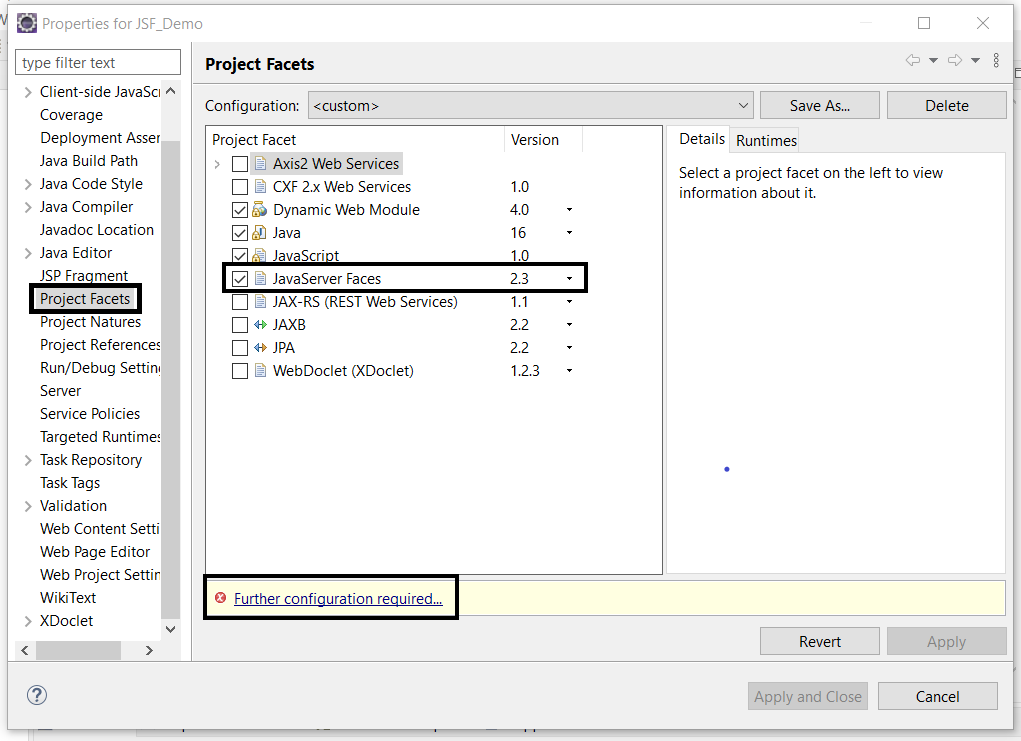


* + Link for downloading this jar files

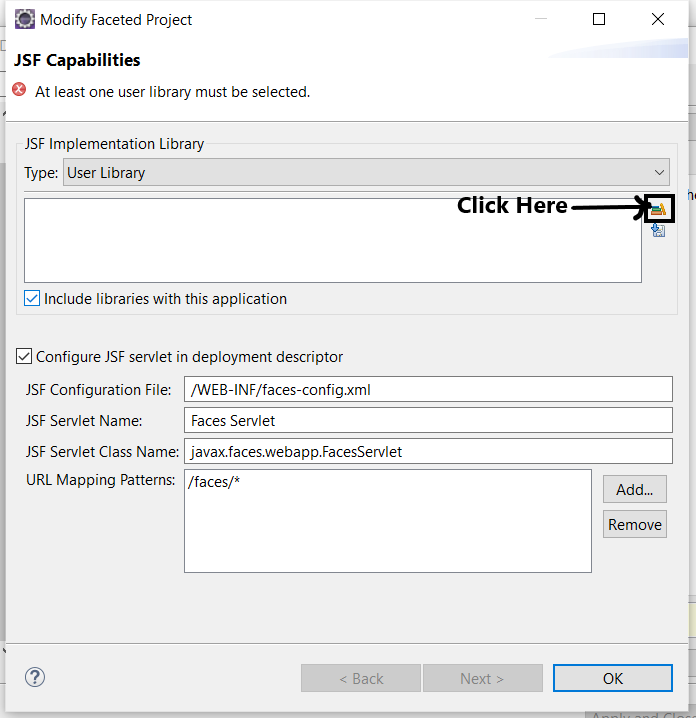
<https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbWFqRDRvYUtUS2RLRm5fSEVHN1FhaFprVko0QXxBQ3Jtc0ttWWlGb1F0bHJscWk2YS1yZ016LWhMSEVkSWxvYzhHcHBuNFZWVE4taUtEZnlXMEhTMHpDM19TeVllX2F1d09mY2Vvb2tFd2c4VWZHNk9aVV9NM1lDNkFMUzRfMThuNFdMMWVrOVZtMTRwclBGTFd5TQ&q=http%3A%2F%2Fchillyfacts.com%2Fdownload-jsf-api-2-2-0-jar%2F>

<https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqblZRWGRRMTBzZUM5c28xOVEwRkUxdHdBVjZVQXxBQ3Jtc0tsX2tzZVdXTmd1clhQZnFsaUY4QjFiWUI5VC1ZTkcwT29lWUY2RGVBWW9pZVhwelNuaHJ2MTh6MVVSNDJ1azVjVjR6andVcXBoY2tqdDZSU1Y0Zmt4SkcxbHpvWVZSQi1zVHFWeHltckM3NGlIVEZ6WQ&q=http%3A%2F%2Fchillyfacts.com%2Fdownload-jsf-impl-2-0-4-jar%2F>

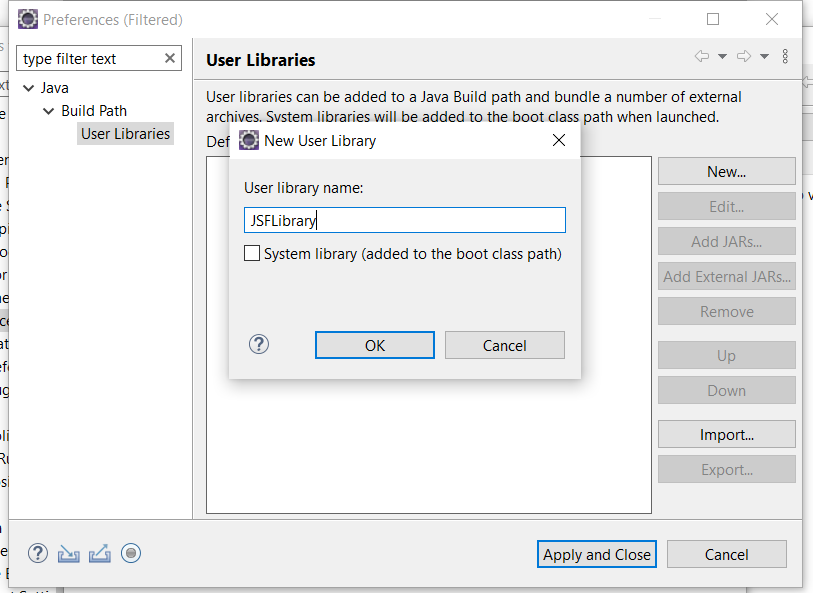
* + Right click on project and select properties



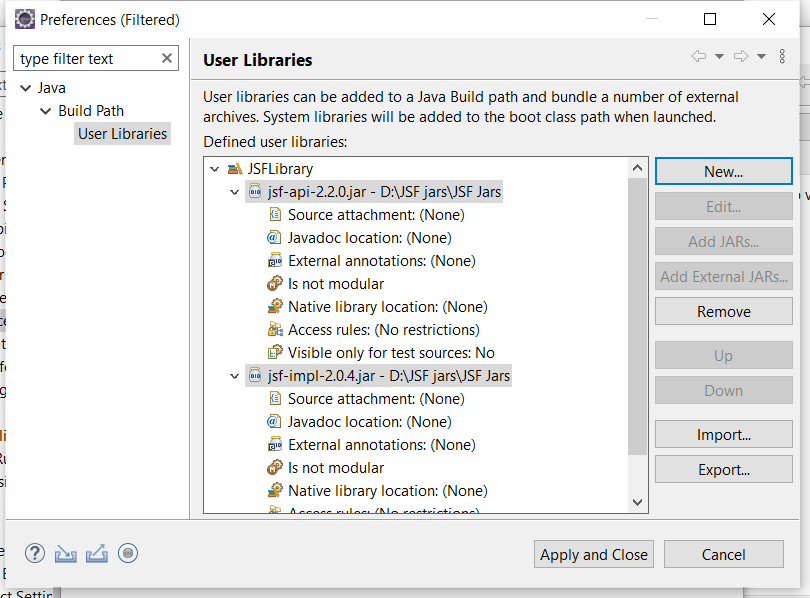
* + In properties click Project Facets
  + In Project Facets do right tick on JavaServer Faces
  + Click on Further Configuration Required
  + Click on Library icon



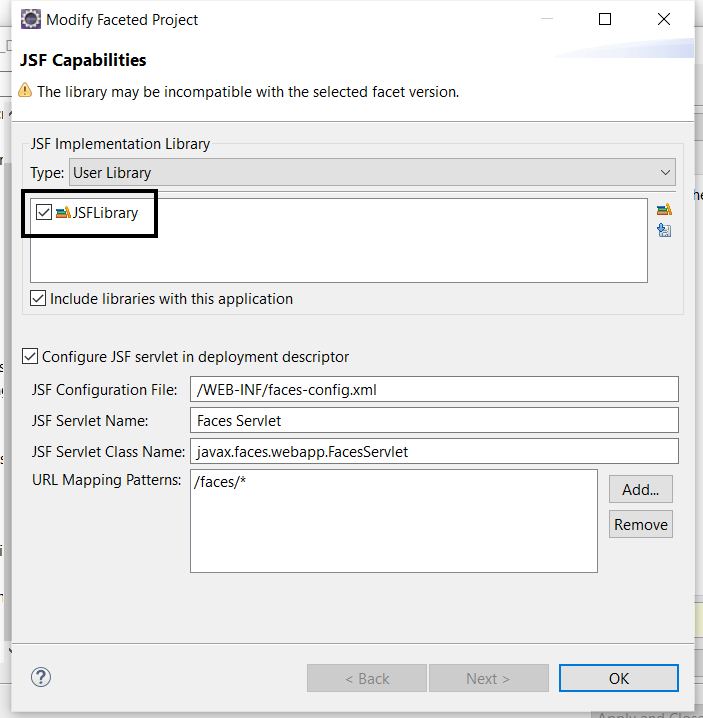
* + In User Defined Libraries click New and give name to Library and click OK



* + Click on Add External Jars and select two jars about which I mention above



* + In JSF Capabilities click on JSF Library



* + We are done with configuring JSF project.

**Working with JSF based Project**

* + To work with JSF you need to create two things
    1. XHTML File 🡪 Frontend
    2. Bean Class 🡪 Backend
  + You can create XHTML File by simply create Java File in webapp with .xhtml extension.
  + You can use various JSF tags in this file for creating components.
  + You can also use several components provided by Prime Faces

<https://www.primefaces.org/showcase/getstarted.xhtml?jfwid=01a16>

* + Bean Class can be created by creating simple java class and annotate that class with @ManagedBean
  + In this bean you can create variables, their Getter and Setters and methods.