ReactJS : JS lib for building UI Dedicated,focus, expert lib to create Frontend app Traditionally				
Server	Backend Frontend	Tightly coupled		
Client	Browser	Mobile App	Music System of my car : IoT	

Decouple the backend -& frontend

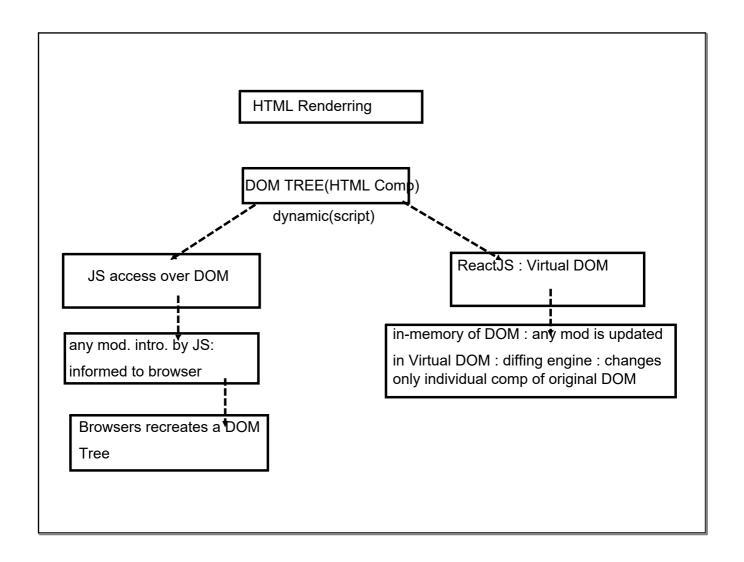
Performance enhancements

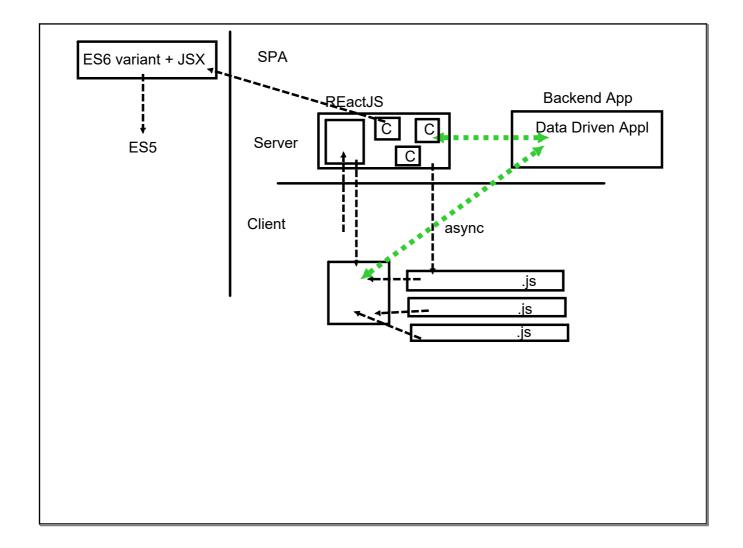
Angular : MVC architecture

ReactJS: V

build large app: data changes frequently with time

DOM Tree: Recreats the DOM tree on every change: Rerenderring





Resource Management

complete React JS library is in single file react.js(vesrion)

Additional lib:

react-dom.js:(virtual DOM)

JS

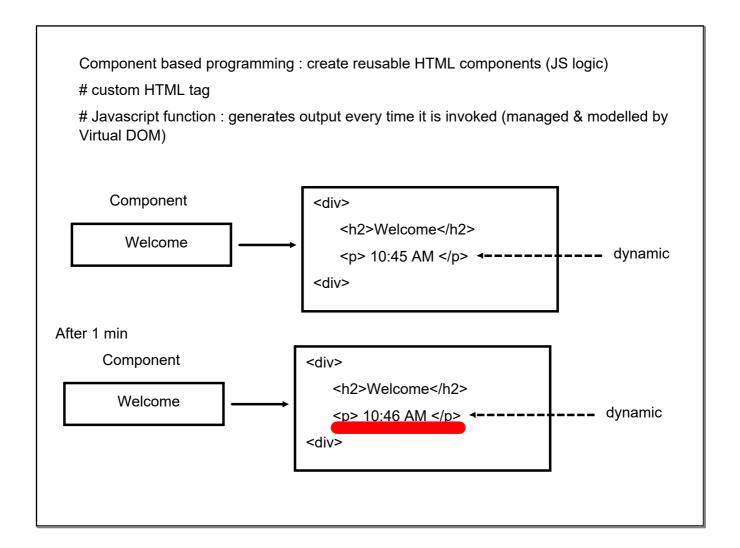
NodeJS: npm tool (node package manager) installing new frameworks,api, cli, tool structure, config npm initiate any JS

Manual:

Download all lib/api structure code add and define config

Auto : Tool by Facebook create-react-app (cli)

>npm i -g <tool-name>
>npm i -g create-react-app



Components:

1. Traditional JS: functions

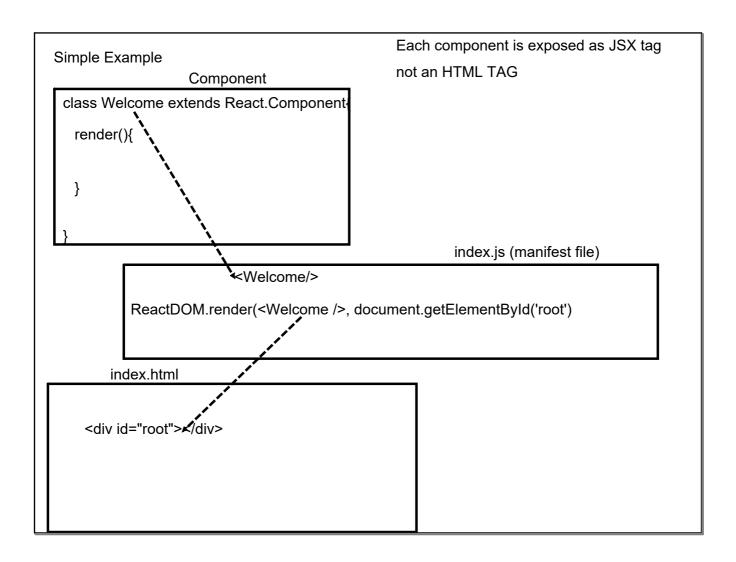
2. ES6 std + JSX (create a class)

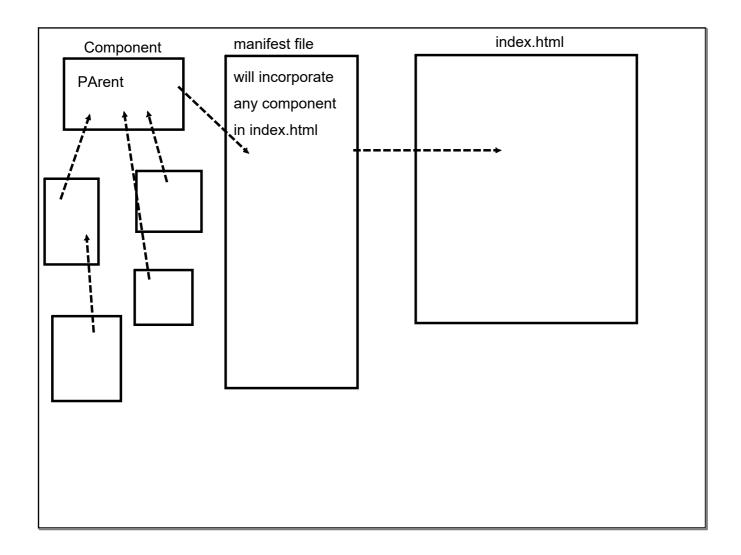
Create a React Application
>create-react-app project-name>

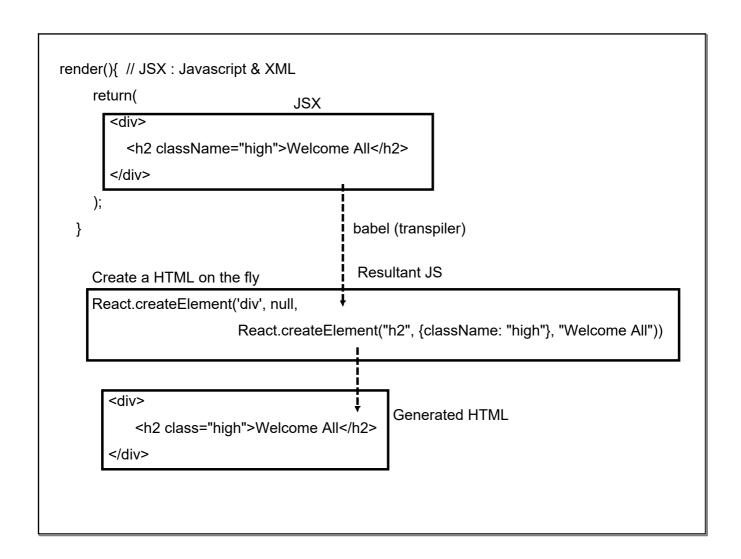
create a JS class and inherit class React.Component

In package.json : add new lib

>npm install







Commenting Engine Use Case	
==> Allow visitors to post comments on a blog post	
# able to show / hide the comments	
# able to add new comments	
# delete comments	
	ı

	CommentBox
Some Blog Post	
Author :	
Delete	***************************************
Author :	
Delete	

