Tuesday, 30-Aug-2022

Introduction

* JavaScript launched in 1995.
* JavaScript is a client-side language before 2008.
* Chrome browser launched in 2008 and its JS Engine is VS-8.
* V8 engine was removed from browser and NodeJS is built for server code
* jQuery launched 2008 and popularized after 2009.
* Before this, JavaScript was written browser specific. Chrome was a game changer here.
* Jscript developed by Microsoft for server-side code.
* Before jQuery, we used to write the JavaScript code based upon the elements (<body>, <div>....)
* 2011 AngularJS(Google) and Knockout (Microsoft). They worked on data not on tags.
* 2013 FB published its proprietary framework ReactJS which is a UI rendering framework and is much faster than Angular JS.
* Lot of flexibility to write code in own way as no architecture to follow unlike Angular.
* ReactJS can be written in Babel and TypeScript.
* ECMA – European Computer Manufacturing Association
* JavaScript is the following ECMA versions at the most.
* Browsers have their own compatibility with ECMA versions.

Friday

02-Sep-2022

Versions in Packag.json

| **VALUE** | **DESC** |
| --- | --- |
| ~version | Approximately equivalent to version, i.e., only accept new patch versions See [npm semver - Tilde Ranges](https://github.com/npm/node-semver#tilde-ranges-123-12-1) |
| ^version | Compatible with version, i.e., accept new minor and patch versions See [npm semver - Caret Ranges](https://github.com/npm/node-semver#caret-ranges-123-025-004) |
| version | Must match version exactly |
| >version | Must be greater than version |
| >=version | Must be greater or equal than version |
| <version | Less than specified version |
| <=version | Less than specified version or equal |
| 1.2.x | 1.2.0, 1.2.1, etc., but not 1.3.0 |
| \* | Matches any version |
| latest | Obtains latest release |