





^ (caret) (~) tilde in package.json

- ^ this say that, tell that upgrade that npm package, to latest version automatically
- suppose there is new minor <sup>upg</sup> & if we have put caret it get's automatically upgrade to minor ~~always~~ version always
- ~ this tell us to upgrade that npm package only when the major version upgrade is released.

- It important to always use (^) because if we have major upgrade most of these function in app starting get break.

(^)		(~)	
2.8.3	initial	2.8.3	initial
2.8.4	minor	2.9.3	major
2.8.5	minor	2.10.3	major



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MAY  
WEEK 19 128-237  
MONDAY

Notes

2006

## Difference in Package.json & Package-lock.json

1) Package.json : It is configuration for npm  
it tracks the ~~the~~ version which  
is installed in our system.

2) Package-lock.json : It keeps the track of exact  
version of that is being  
installed

3) Transitive dependencies : A dependency can have  
another dependencies &  
that can have another  
dependencies like that

4) Our project has dependency parcel & parcel  
also have dependency on other.

5) npm = Install any package

npm = execute package.

Birthday

Anniversary

May 2006

MO	TU	WE	TH	FR	SA	SU	MO	TU	WE	TH	FR	SA	SU	MO	TU	WE	TH	FR	SA	SU	MO	TU	WE	TH	FR	SA	SU
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## \* Parcel Features

- Create Dev Build
- <sup>10</sup> Host app on local server
- Do Hot Module Replacement (HMR) (Hot Reload)
- <sup>11</sup> It used file watching algorithm which are written in C++
- <sup>12</sup> Caching for faster builds
- Do Image optimization
- <sup>1</sup> Minification
  - Bundling
- <sup>2</sup> - Compression
- Consistent Hashing
- <sup>3</sup> Code splitting
  - Differential bundling - to support all version of older browser
- <sup>4</sup> - Error handling
- Tree Shaking Algorithm - Remove unused code.

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Birthday

Anniversary

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Jun