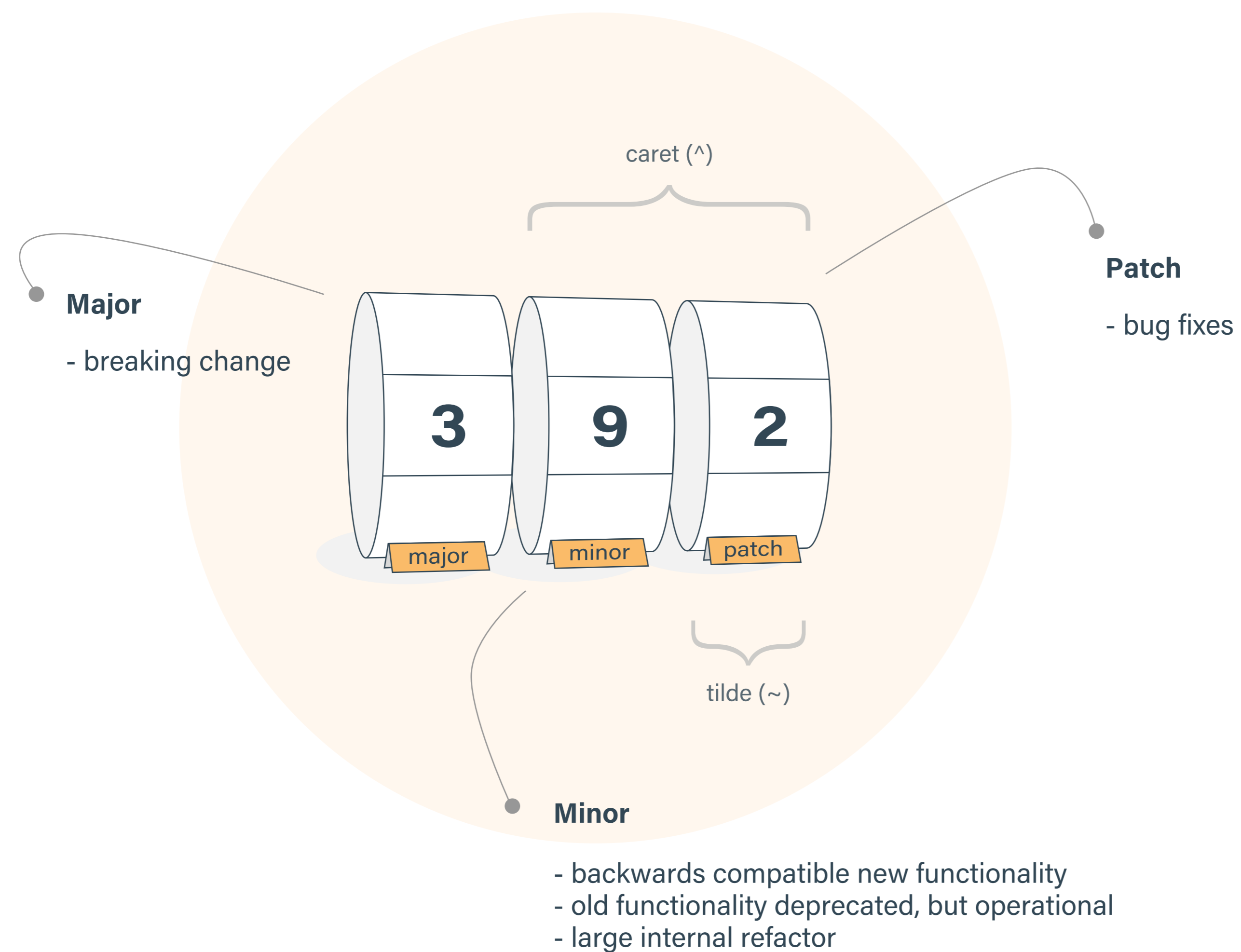


Semantic Versioning



Version Number

	3	.	9	.	2	
	<i>major</i>		<i>minor</i>		<i>patch</i>	

Symbols in package.json

symbol	package.json	version range
caret (^)	"library": "^3.9.2"	3.^.^
tilde (~)	"library": "~3.9.2"	3.9.~

Contract for Changes

major	- breaking change
minor	- backwards compatible new functionality - old functionality deprecated, but operational - large internal refactor
patch	- bug fix

Installing Exact Package Versions

<code>npm install <lib> --save --save-exact</code>	Install and update package.json using exact match
<code>npm config set save-exact true</code>	Make --save --save-exact default behavior
<code>npm config set save-prefix '~'</code>	Make default tilde (~) instead of caret (^)

Updating Packages

<code>npm update</code>	Update to latest versions that satisfy Semantic Versioning ranges in package.json
<code>npm outdated</code>	List packages that have newer versions available
<code>npm install <lib>@latest --save</code>	Update latest version, possibly introduce breaking changes