SEMANTIC VERSION

SUMMARY

```
version 1.2.3
         ^ ^ ^
         ‖ ‖ └─      Patch : backward compatible bug fixes
         ‖ └────     Minor : features backward compatible manner
         └───────    Major : breaking changes API
```
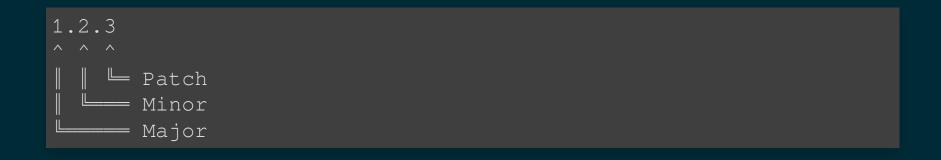
DEPENDENCY HELL

```
 1 my-app 4.7.2
 2 ╠═ internal lib 5.6.1
 3 ║    └─ logger lib 2016.3.4
 4 ║        └─ another external lib 0.3.0
 5 ╠═ database lib 12(cookie)
 6 ║    └─ io lib 3.0.0
 7 ║        └─ another external lib 0.3.0
 8 ╠═ list lib 0.1.2alpha
 9 ║    └─ external lib 4.8
10 ║        └─ another external lib 0.3.0
```

SET OF RULES

PUBLIC API

only after the release of version 1.0.0

X.Y.Z FORM

```
1.2.3
^ ^ ^

║ ║ └─── Patch
║ └─── ── Minor
└─── ── Major
```

PRE-RELEASE RULES

init dev start with "`v0`"

```
0.x.x
```

PRE-RELEASE RULES

can add " - " and other identifiers separated by " . "

```
1.1.2-alpha.1
1.1.2-5.7.9
```

BUILD METADATA

can add "+" and other identifiers separated by " . "

```
1.1.2+012
1.1.2+21AF26D3
1.1.2-beta+exp.sha.749f34
```

INCREMENT RULES

any modification after first release is a new version

```
1.2.3
```

INCREMENT RULES

Patch version

bug fixes (backward compatible)

```
1.2.3
```

INCREMENT RULES

Patch version

bug fixes (backward compatible)

```
1.2.4
```

INCREMENT RULES

Minor version

new features (backward compatible)

```
1.2.4
```

INCREMENT RULES

Minor version

new features (backward compatible)

```
1.3.0
```

INCREMENT RULES

Major version

any backward incompatible changes

```
1.3.0
```

INCREMENT RULES

Major version

any backward incompatible changes

`2.0.0`

PRECEDENCE RULES

```
1.0.0 < 2.0.0 < 2.1.0 < 2.1.1
```

PRECEDENCE RULES

with pre-release

```
1.0.0-alpha < 1.0.0
```

PRECEDENCE RULES

with pre-release

```
1.0.0-alpha < 1.0.0-alpha.1 < 1.0.0-alpha.beta < 1.0.0-beta
1.0.0-beta.2 < 1.0.0-beta.11 < 1.0.0-rc.1 < 1.0.0
```