Compose a Changelog

Automate your CHANGELOG as part of a release cycle.

Tracking software revisions, done right.
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128 Followers 28 Starred 378 Following

Organizations

https://github.com/stevemao
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Hm? A new release?

Why the heck should I upgrade?

THAT’S SUSPICIOUS...
Node.js v6 is RELEASED!!!!!
What were the changes?
"semver to the rescue!"
(http://semver.org)

Start with 1.0.0
Fix a bug? 1.0.1
Add a feature? 1.1.0
Backwards incompatible? 2.0.0
**BUT, what exactly are the CHANGES?**

_I was hoping..._

<table>
<thead>
<tr>
<th>Version</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0.0 -&gt; 1.0.1</td>
<td>Upgrade will make potential bugs in my app automagically disappear 😊</td>
</tr>
<tr>
<td>1.0.0 -&gt; 1.1.0</td>
<td>Upgrade will add additional features to my app.</td>
</tr>
<tr>
<td>1.0.0 -&gt; 2.0.0</td>
<td>Still upgrade, but be extra careful (provide instructions as to how to upgrade). 😜</td>
</tr>
</tbody>
</table>
https://github.com/nodejs/nodejs.org/pull/263

Greenkeeper is smiling :)

More features plz!!

Automagically bug fixes

CI is not complaining

Just bump all your deps!
The reality is...

Probably not
Changelog is necessary

Disagree?
Let’s remove all the necessary docs then :)  

Remove README
Remove CONTRIBUTING
Remove LICENSE

CHANGELOG is just as important as these docs
Let's dig into git history!

<table>
<thead>
<tr>
<th>Commit</th>
<th>Message</th>
<th>Author</th>
<th>Date</th>
<th>SHA</th>
<th>Branch</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0.0</td>
<td></td>
<td>sindresorhus</td>
<td>Jun 22, 2015</td>
<td>f94c207</td>
<td></td>
</tr>
<tr>
<td>minor test improvement</td>
<td></td>
<td>sindresorhus</td>
<td>Jun 22, 2015</td>
<td>7212ce1</td>
<td></td>
</tr>
<tr>
<td>bump deps</td>
<td></td>
<td>sindresorhus</td>
<td>Jun 21, 2015</td>
<td>ee6710f</td>
<td></td>
</tr>
<tr>
<td>move <code>util.js</code> to root</td>
<td></td>
<td>sindresorhus</td>
<td>Jun 21, 2015</td>
<td>a78675</td>
<td></td>
</tr>
<tr>
<td>split CLI and API</td>
<td></td>
<td>sindresorhus</td>
<td>Jun 21, 2015</td>
<td>c398491</td>
<td></td>
</tr>
<tr>
<td>Split up tests in API and CLI</td>
<td></td>
<td>kevva</td>
<td>Jun 9, 2015</td>
<td>af3d3ed</td>
<td></td>
</tr>
<tr>
<td>Fix race condition in tests</td>
<td></td>
<td>kevva</td>
<td>Jun 7, 2015</td>
<td>5989b87</td>
<td></td>
</tr>
<tr>
<td>Add more CLI tests</td>
<td></td>
<td>kevva</td>
<td>Jun 6, 2015</td>
<td>e83143e</td>
<td></td>
</tr>
<tr>
<td>Add CLI tests for <code>--help</code> and <code>--version</code></td>
<td></td>
<td>kevva</td>
<td>Jun 6, 2015</td>
<td>5ce2f01</td>
<td></td>
</tr>
<tr>
<td>Close #185 PR: add coverage reporting using nyc and coveralls.</td>
<td></td>
<td>booe</td>
<td>May 27, 2015</td>
<td>5979d33</td>
<td></td>
</tr>
</tbody>
</table>
git diff-so-fancy?
SO FANCY~
What?
Not friendly to non-tech people
Not so straightforward
What about git-changelog?

v0.2.0

stevemao released this 17 days ago • 69 commits to master since this release

- diff_highlight should be relative to the source instead of cwd (ded0b09)
- 0.2.0 (796ebf6)
- add comments on finding the deps (fceb50)
- Add git alias usage to docs (5035027)
- Add in diff-highlight's link (459e8e8)
- add in License MIT in Readme (1d132c4)
- correct git --no-pager information (de2f5a4)
- Define shorter dsf alias in docs (bb427e8)
- depend on local diff-highlight. (d614817)
- Detect gsed and use it if it exists (e0fa502)
- Don't require index line to render correctly (d243362)
- Fix color code regex to match all bash color codes (135634c)
- Fix typo (cc5bf0f)
- Fixes path detection for nvm users (967fb0b)
- Fixes readme for gnu-sed (e372403)
- improve description (f86025f)
- License change to MIT (ed9e3cc)
- link git contrib and change diff-highlight link to it's folder (to view readme) (deddd80)
- Make sure the first removed file line is also colored (04d0425)
- mark empty newlines (5c3aa39)
- Match even 4 codes (6be25ee)
- Missing . in sentence (c584da0)
Write everything manually?
1.0.0 (2016-02-05)

**Bug Fixes**

- bin: no cli anymore (65a9f4b)
- cli: print the stack if verbose (81860ab)

**Features**

- module: broken down into smaller modules (48580b0)

**BREAKING CHANGES**

- module: Presets have their own repos. cli and core have their own repos. This one is a pure wrapper. In the core, a new api options.config is added.

0.5.3 (2015-12-25)

**Bug Fixes**

- defaults: do not throw if no package.json found (906a904), closes #123

*Generate a changelog from git metadata*
Automate docs generation?

/**
 * @module
 * @description
 * Starting point to import all public core APIs.
 */
export * from './src/core/metadata';
export * from './src/core/util';
export * from './src/core/prod_mode';
export * from './src/core/di';
export * from './src/facade/facade';
export {enableProdMode} from 'angular2/src/facade/lang';
The "Angular" notation

**chore: noImplicitAny fixes**
mhevery committed with vsavkin 17 days ago

**refact(angular1_router): make the `$router` binding one-time**
peteacondarwin committed 18 days ago

**fix(angular1_router): rename `$route` service to `$rootRouter`**
peteacondarwin committed 12 days ago

**fix(angular1_router): rename `router` component binding to `$router`**
peteacondarwin committed 7 days ago

The current router is passed to the current component via a binding. To indicate that this is an angular provided object, this commit renames the binding to `$router`.

**BREAKING CHANGE:**

The recently added binding of the current router to the current component has been renamed from `router` to `$router`.

So now the recommended set up for your bindings in your routed component is:

```js
{
...
  bindings: {
    $router: '<'
  }
}
```

**fix(angular1_router): support templateUrl components**
peteacondarwin committed 18 days ago
SERIOUSLY? Why?
Transform it

```javascript
var writerOpts = {
  transform: function(commit) {
    var discard = true;
    commit.notes.forEach(function(note) {
      note.title = 'BREAKING CHANGES';
      discard = false;
    });
    if (commit.type === 'feat') {
      commit.type = 'Features';
    } else if (commit.type === 'fix') {
      commit.type = 'Bug Fixes';
    } else if (commit.type === 'perf') {
      commit.type = 'Performance Improvements';
    } else if (commit.type === 'revert') {
      commit.type = 'Reverts';
    } else if (discard) {
      return;
    } else if (commit.type === 'docs') {
      commit.type = 'Documentation';
    } else if (commit.type === 'style') {
      commit.type = 'Styles';
    } else if (commit.type === 'refactor') {
      commit.type = 'Code Refactoring';
    } else if (commit.type === 'test') {
      commit.type = 'Tests';
    } else if (commit.type === 'chore') {
      commit.type = 'Chores';
    }
  }
};
```
{{#each commitGroups}}

{{#if title}}
### {{title}}

{{/if}}

{{#each commits}}
{{> commit root=@root}}
{{/each}}

{{/each}}

{{> footer}}
GitHub releases?

v1.0.0

![stevemao](image) released this 24 days ago • 9 commits to master since this release

**Bug Fixes**

- **bin**: no cli anymore (65a9f4b)
- **cli**: print the stack if verbose (81860ab)

**Features**

- **module**: broken down into smaller modules (48580b0)

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**Downloads**

- ![Source code](zip)
- ![Source code](tar.gz)
What inspires us?

- **conventional-recommended-bump** - Get a recommended version bump based on conventional commits
- **conventional-commits-detector** - Detect what commit message convention your repository is using
- **commitizen** - Simple commit conventions for internet citizens.
- **angular-precommit** - Pre commit with angular conventions
- **conventional-changelog-lint** - Lint commit messages against your conventional-changelog preset
- **Standard Version** - stop using npm version, use standard-version it rocks!
Tool integrations

- gulp
- Grunt
- atom (editor)
- And more (to be continued)…
Who's using the tool?

- Angular
- JSHint
- npm
- You!!
Questions?

Keep calm and generate a changelog

Thank you

ORLY?  stevemao