
Page Monitor

capture webpage and diff the dom change with phantomjs

Effects

Element Add

新增(Add)

删除(Remove)

文本(Text)

样式(Style)

2014-08-26 15:23:45

你好

item

abcs-sss

- [百度](#)
- [some text](#)
- [qq](#)
- [新浪](#)

hello world

hello world

2014-08-26 15:23:58

你好

item

abcs-sss

am new here

- [百度](#)
- [some text](#)
- [qq](#)
- [新浪](#)

hello world

hello world

Element Removed

新增(Add)

删除(Remove)

文本(Text)

样式(Style)

2014-08-26 15:23:58

你好

i am new here

item

abcs-sss

- [百度](#)
- [some text](#)
- [qq](#)
- [新浪](#)

hello world

hello world

2014-08-26 15:24:42

i am new here

item

abcs-sss

- [百度](#)
- [some text](#)
- [qq](#)
- [新浪](#)

hello world

hello world

Text Changed

新增(Add)

删除(Remove)

文本(Text)

样式(Style)

2014-08-26 15:24:42

i am new here

item

abcs-sss

- [百度](#)
- [some text](#)
- [qq](#)
- [新浪](#)

hello world

hello world

2014-08-26 15:25:16

i am new here

item

abcs-sss

- [百-度](#)
- [some text](#)
- [qq](#)
- [新-浪](#)

hello world

hello world

Style Changed

新增(Add)

删除(Remove)

文本(Text)

样式(Style)

2014-08-26 15:28:50

i am new here

item

abcs-sss

- [百-度](#)
- [some text](#)
- [qq](#)
- [新-浪](#)

hello world

hello world

2014-08-26 15:28:57

i am new here

item

abcs-sss

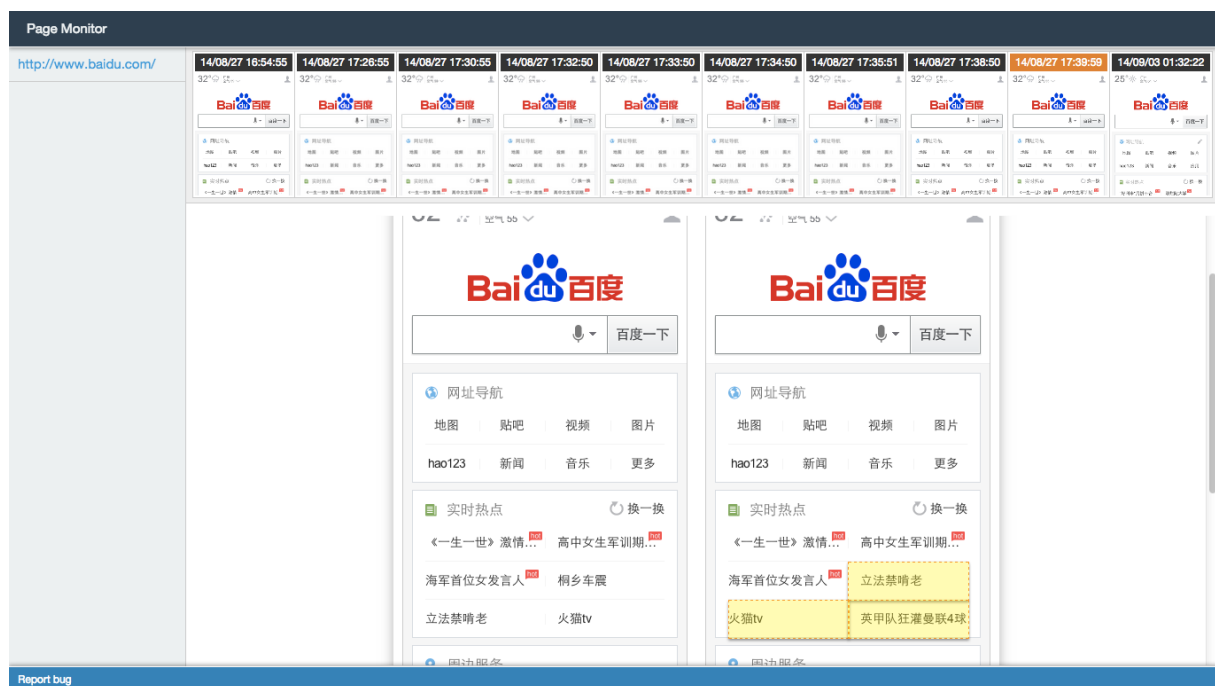
- [百-度](#)
- [some text](#)
- [qq](#)
- [新-浪](#)

hello world

hello world

Make UI to show diffs of history

<https://github.com/fouber/pmui>



Usage

First of all, install phantomjs, page-monitor relies on phantomjs to render webpage and generate screenshot. DO NOT use `npm` to install phantomjs on windows, it can't be launched by `spawn`.

```
1 var Monitor = require('page-monitor');
2
3 var url = 'http://www.google.com';
4 var monitor = new Monitor(url);
5 monitor.capture(function(code){
6     console.log(monitor.log); // from phantom
7     console.log('done, exit [' + code + ']');
8 });
```

API

Monitor

```
1 var monitor = new Monitor(url [, options]);
```

see the default options here: <https://github.com/fouber/page-monitor/blob/master/index.js>, you can override any option for your monitoring.

monitor.capture(callback [, noDiff]);

capture webpage and save screenshot, then diff with last save.

```
1 var monitor = new Monitor(url, options);
2 monitor.on('debug', function (data) {
3     console.log('[DEBUG] ' + data);
4 });
5 monitor.on('error', function (data) {
6     console.error('[ERROR] ' + data);
7 });
8 monitor.capture(function(code){
9     console.log(monitor.log.info); // diff result
10    console.log('[DONE] exit [' + code + ']');
11 });
```

monitor.diff(left, right, callback);

diff change between left(date.getTime()) and right(date.getTime()).

```
1 var monitor = new Monitor(url, options);
2 monitor.on('debug', function (data) {
3     console.log('[DEBUG] ' + data);
4 });
5 monitor.on('error', function (data) {
6     console.error('[ERROR] ' + data);
7 });
8 monitor.diff(1408947323420, 1408947556898, function(code){
9     console.log(monitor.log.info); // diff result
10    console.log('[DONE] exit [' + code + ']');
11 });
```

events

```
1 var monitor = new Monitor(url);
2 monitor.on('debug', function (data) {
3     console.log('[DEBUG] ' + data);
4 });
5 monitor.on('error', function (data) {
6     console.error('[ERROR] ' + data);
7 });
```

- **debug**: debug from phantom
- **notice**: console from webpage
- **info**: info from phantom

-
- `warning`: error from webpage
 - `error`: error from phantom