iLCJiIjoiI6dHJ1ZSwicG4iOiJicm9hZGNhc3QiLCJ1ciI6Imh0dHBzOi8vanF1ZXJ5Lm9yZy9kb25hdGUvIn0&s=7y8oNVFmhVV2-

Home (http://qunitjs.com/)

Intro to Unit Testing (http://qunitjs.com/intro/)

API Documentation (http://api.qunitjs.com/)

Cookbook (http://qunitjs.com/cookbook/)

Plugins (http://qunitjs.com/plugins/)

2.x Upgrade Guide (http://qunitjs.com/upgrade-guide-2.x/)

About (http://qunitjs.com/about/)

QUnit: A JavaScript Unit Testing framework.

What is QUnit?

QUnit is a powerful, easy-to-use JavaScript unit testing framework. It's used by the jQuery, jQuery UI and jQuery Mobile projects and is capable of testing any generic JavaScript code, including itself (https://github.com/qunitjs/qunit/tree/master/test)!

Getting Started

A minimal QUnit test setup:

Download

QUnit is available from the jQuery CDN (https://code.jquery.com) hosted by MaxCDN (https://www.maxcdn.com/).

Current Release - v2.1.1

qunit-2.1.1.js (https://code.jquery.com/qunit/qunit-2.1.1.js)

qunit-2.1.1.css (https://code.jquery.com/qunit/qunit-2.1.1.css)

Changelog (https://github.com/qunitjs/qunit/blob/2.1.1/History.m

NPM (https://npmjs.org/package/qunitjs):

```
npm install --save-dev qunitjs
```

```
 1  <!DOCTYPE html>
 2  <html>
 3  <head>
 4    <meta charset="utf-8">
 5    <meta name="viewport" content="
 6    <title>QUnit Example</title>
 7    <link rel="stylesheet" href="ht
 8  </head>
 9  <body>
10    <div id="qunit"></div>
11    <div id="qunit-fixture"></div>
12    <script src="https://code.jquer
13    <script src="tests.js"></script
14  </body>
15  </html>
```
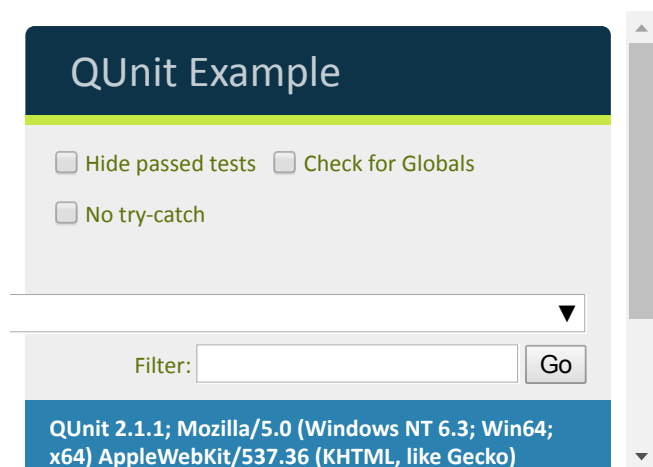
The contents of tests.js:

```
 1  QUnit.test( "hello test", function
 2    assert.ok( 1 == "1", "Passed!" )
 3  });
```

The result:

> **QUnit Example**
>
> ☐ Hide passed tests   ☐ Check for Globals
> ☐ No try-catch
>
> ▼
>
> Filter: [   ] [Go]
>
> **QUnit 2.1.1; Mozilla/5.0 (Windows NT 6.3; Win64;**
> **x64) AppleWebKit/537.36 (KHTML, like Gecko)**

Browser Support

QUnit currently supports the same browsers as jQuery 3.x (https://jquery.com/browser-support/).

For legacy browser support, including Internet Explorer versions lower than IE9, please use the 1.x series of QUnit.

Node Support

QUnit follows the Node Long-term Support (LTS) Schedule (https://github.com/nodejs/LTS). Support is provided for Current, Active, and Maintenance releases.

Bower:
```
bower install --save-dev qunit
```

To test the latest features and bug fixes to QUnit, a version automatically generated from the latest commit to the QUnit Git repository (https://github.com/qunitjs/qunit) is also available for use.

> qunit-git.js (https://code.jquery.com/qunit/qunit-git.js)
>
> qunit-git.css (https://code.jquery.com/qunit/qunit-git.css)

Learn More

Check out the API documentation (https://api.qunitjs.com/) or the Cookbook (/cookbook/) to learn how to use QUnit

To see more examples, check out the unit tests of jQuery (https://github.com/jquery/jquery/tree/master/test/unit), jQuery UI (https://github.com/jquery/jquery-ui/tree/master/tests/unit) or the jQuery Validation Plugin (https://github.com/jzaefferer/jquery-validation/tree/master/test).

For custom assertions, reporters and themes, check out official and third-party plugins (/plugins/)

Please post to the QUnit and testing forum (https://forum.jquery.com/qunit-and-testing) for anything related to QUnit or testing in general.

For announcements, follow @qunitjs (https://twitter.com/qunitjs)

Get Involved

The code is located at: https://github.com/qunitjs/qunit (https://github.com/qunitjs/qunit)

The code for this site is also on GitHub (https://github.com/qunitjs/qunitjs.com), with the API pages in a separate repository (https://github.com/jquery/api.qunitjs.com).

Find the QUnit team (/about/#qunit-team) in #jquery-dev on Freenode

(https://irc.jquery.org/).

History

QUnit was originally developed by John Resig as part of jQuery. In 2008 it got its own home, name and API documentation, allowing others to use it for their unit testing as well. At the time it still depended on jQuery. A rewrite in 2009 fixed that, and now QUnit runs completely standalone.

QUnit's assertion methods follow the CommonJS Unit Testing (https://wiki.commonjs.org/wiki/Unit_Testing/1.0) specification, which was to some degree influenced by QUnit.

BOOKS

Instant Testing with QUnit
Dmitry Sheiko
(https://www.packtpub.com/application-development/instant-testing-qunit-instant)

Testable JavaScript
Mark Ethan Trostler
(http://shop.oreilly.com/product/0636920024699.do)

Test-Driven JavaScript Development
Christian Johansen
(http://tddjs.com/)

Learning Center (http://learn.jquery.com/)

Forum (http://forum.jquery.com/qunit-and-testing/)

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GitHub (https://github.com/jquery)