Debugging tests

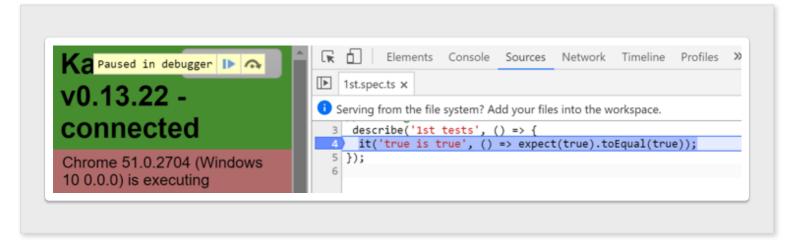
If your tests aren't working as you expect them to, you can inspect and debug them in the browser.

For the sample app that the testing guides describe, see the sample app.

For the tests features in the testing guides, see tests.

Debug specs in the browser in the same way that you debug an application.

- 1. Reveal the Karma browser window. See Set up testing if you need help with this step.
- 2. Click the **DEBUG** button; it opens a new browser tab and re-runs the tests.
- 3. Open the browser's "Developer Tools" (Ctrl-Shift-I on Windows; Command-Option-I in macOS).
- 4. Pick the "sources" section.
- 5. Open the 1st.spec.ts test file (Control/Command-P, then start typing the name of the file).
- 6. Set a breakpoint in the test.
- 7. Refresh the browser, and it stops at the breakpoint.





RESOURCES	HELP	COMMUNITY	LANGUAGES
About	Stack Overflow	Events	简体中文版
Resource Listing	Gitter	Meetups	正體中文版
Press Kit	Report Issues	Twitter	日本語版
Blog	Code of Conduct	GitHub	한국어
Usage Analytics		Contribute	

Super-powered by Google ©2010-2020. Code licensed under an MIT-style License. Documentation licensed under CC BY 4.0.

Version 10.0.10-local+sha.84d1ba792b.