Unleash the power
A guide to browser developer tools
http://10.35.0.8
History of Dev tools
Internet Explorer 7
Firebug
Developer tools are *everywhere*
Browserist

*noun*

1. Discrimination or prejudice based on web browser.

2. The belief that a particular web browser is superior to others.
mozilla.org/en-US/firefox/developer
Four personas
Four personas

Prototyper
Four personas

Prototyper

Debugger
Four personas

Prototyper  Debugger  Perf Nerd
Four personas

Prototyper  Debugger  Perf Nerd  Power user
Everyone!
1. Understanding the layout
1. Understanding the layout
2. Workspaces
1. Understanding the layout
2. Workspaces
3. Styles
1. Understanding the layout
2. Workspaces
3. Styles
4. Device Mode
Don't just build teams. Build great teams.

Building Great Startup Teams - A new book by Dean Hume.
Find your way around
Let’s go!
1. Understanding the layout
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2. Workspaces

Summary - Prototyping
Summary - Prototyping

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3. Styles
Summary - Prototyping

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4. Device Mode
1. The Console
1. The Console
2. Inspecting
1. The Console
2. Inspecting
3. Debugging on Devices
Protip™

bit.ly/chrome-api-ref
Let’s go!
1. The Console
Summary - Debugging

1. The Console
2. Inspecting
Summary - Debugging

1. The Console
2. Inspecting
3. Debugging on Devices
Response | Animation
1. Analyze scrolling performance
1. Analyze scrolling performance (R)
1. Analyze scrolling performance (R)
2. Improve Animations
1. Analyze scrolling performance (R)
2. Improve Animations (A)
1. Analyze scrolling performance (R)
2. Improve Animations (A)
3. Blocking Resources
Performance

1. Analyze scrolling performance (R)
2. Improve Animations (A)
3. Blocking Resources (I)
1. Analyze scrolling performance (R)
2. Improve Animations (A)
3. Blocking Resources (I)
4. Page Load
1. Analyze scrolling performance (R)
2. Improve Animations (A)
3. Blocking Resources (I)
4. Page Load (L)
Let’s go!
Changing `left` alters the geometry of the element. That means that it may affect the position or size of other elements on the page, both of which require the browser to perform layout operations.

Once those layout operations have completed any damaged pixels will need to be painted and the page must then be composited together.
transform

Changing `transform` does not trigger any geometry changes or painting, which is very good. This means that the operation can likely be carried out by the `compositor thread` with the help of the GPU.
Summary - Performance

1. Analyze scrolling performance (R)
Summary - Performance

1. Analyze scrolling performance (R)
2. Improve Animations (A)
Summary - Performance

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2. Improve Animations (A)
3. Blocking Resources (I)
Summary - Performance

1. Analyze scrolling performance (R)
2. Improve Animations (A)
3. Blocking Resources (I)
4. Page Load (L)
The Power User
1. Understanding security
1. Understanding security
2. Accessibility
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2. Accessibility
3. Resources
Let’s go!
SSL Report: deanhume.github.io (23.235.44.133)

Summary

Overall Rating

Certificate
Protocol Support
Key Exchange
Cipher Strength

Visit our documentation page for more information, configuration guides, and books. Known issues are documented here.
1. Understanding security
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Summary
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Further Reading
Further Reading

- bit.ly/chrome-dev-docs
- umaar.com/dev-tips
Further Viewing
Further Viewing

Prototyping
- youtube.com/watch?v=dJR-n8szgBc
- youtube.com/watch?v=QeKwrdGr1sI

Rail
- youtube.com/watch?v=wO9GGY17NXY

General
- youtube.com/watch?v=qnF1Xslb5F0
- youtube.com/watch?v=0eSAsi3GPh4
Protip™

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Thank you!

Dean Hume @deanohume