

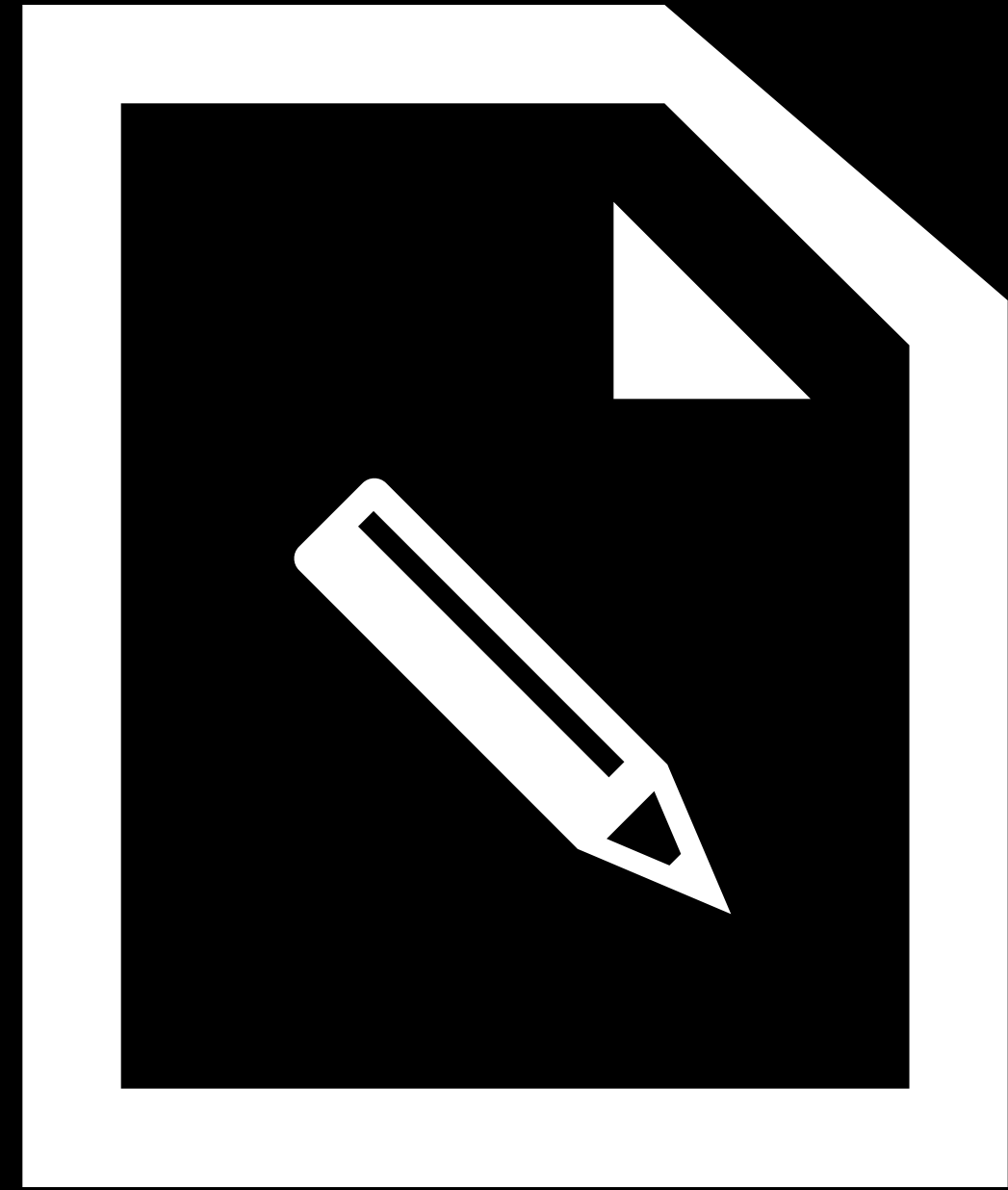
Getting to Know Web Inspector

Session 601

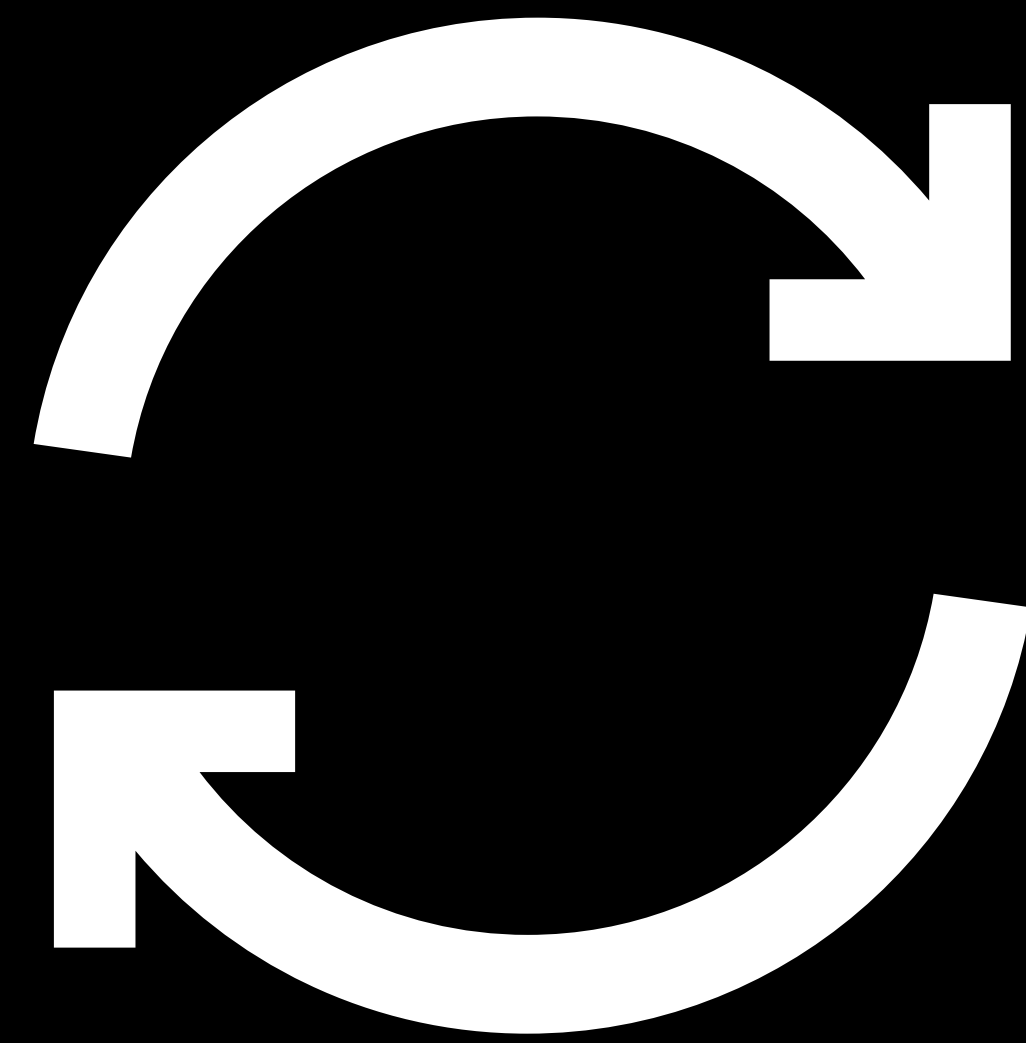
Antoine Quint

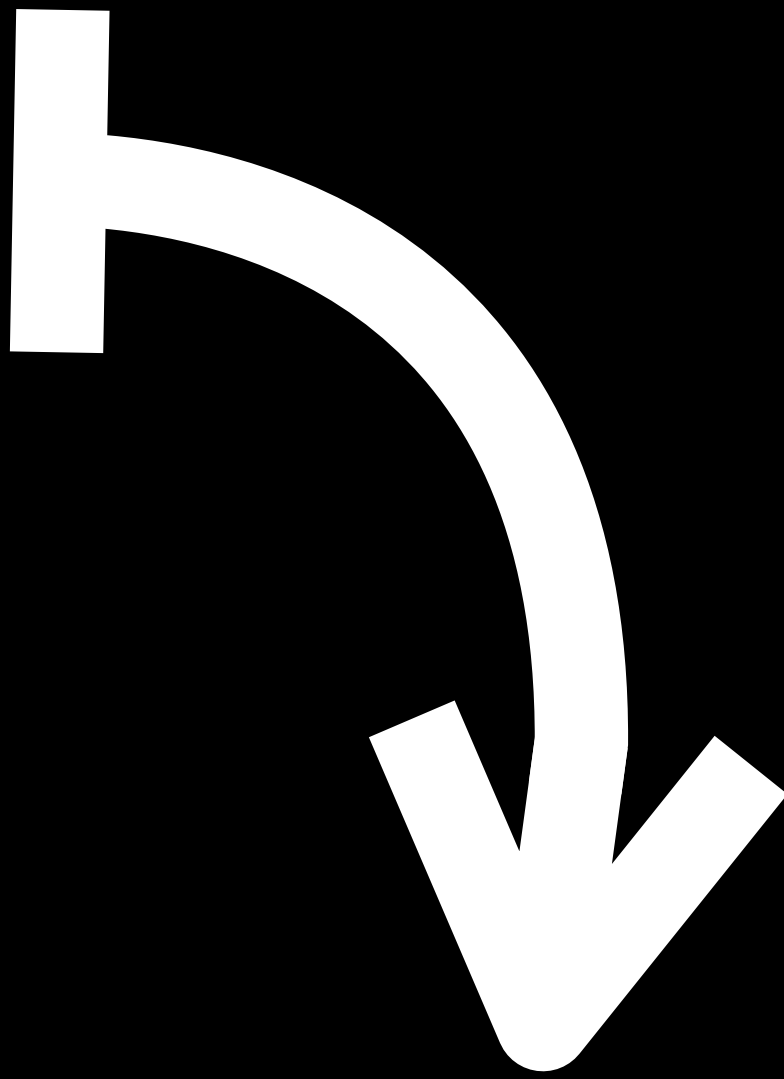
Safari and WebKit Engineer

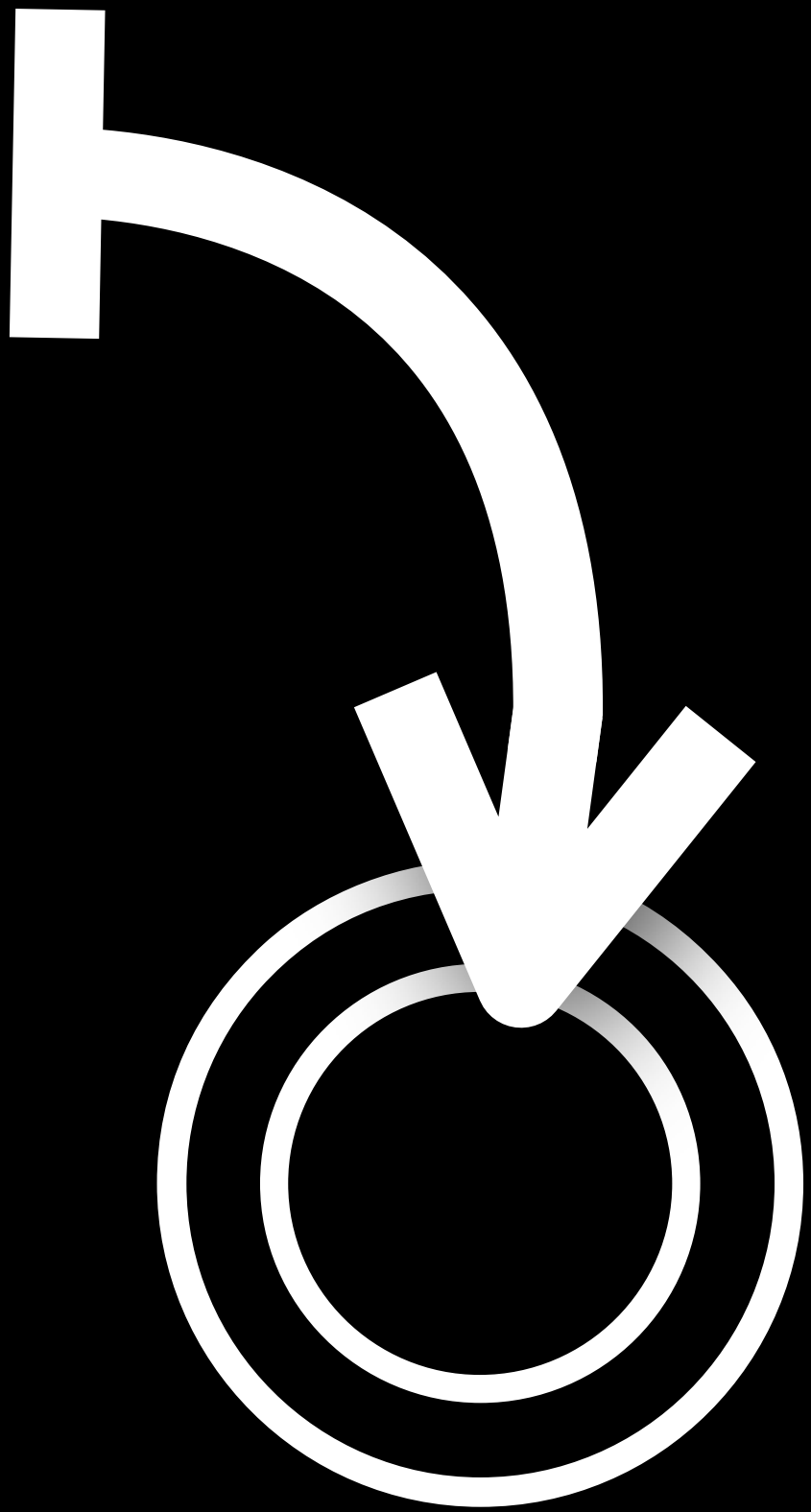
These are confidential sessions—please refrain from streaming, blogging, or taking pictures

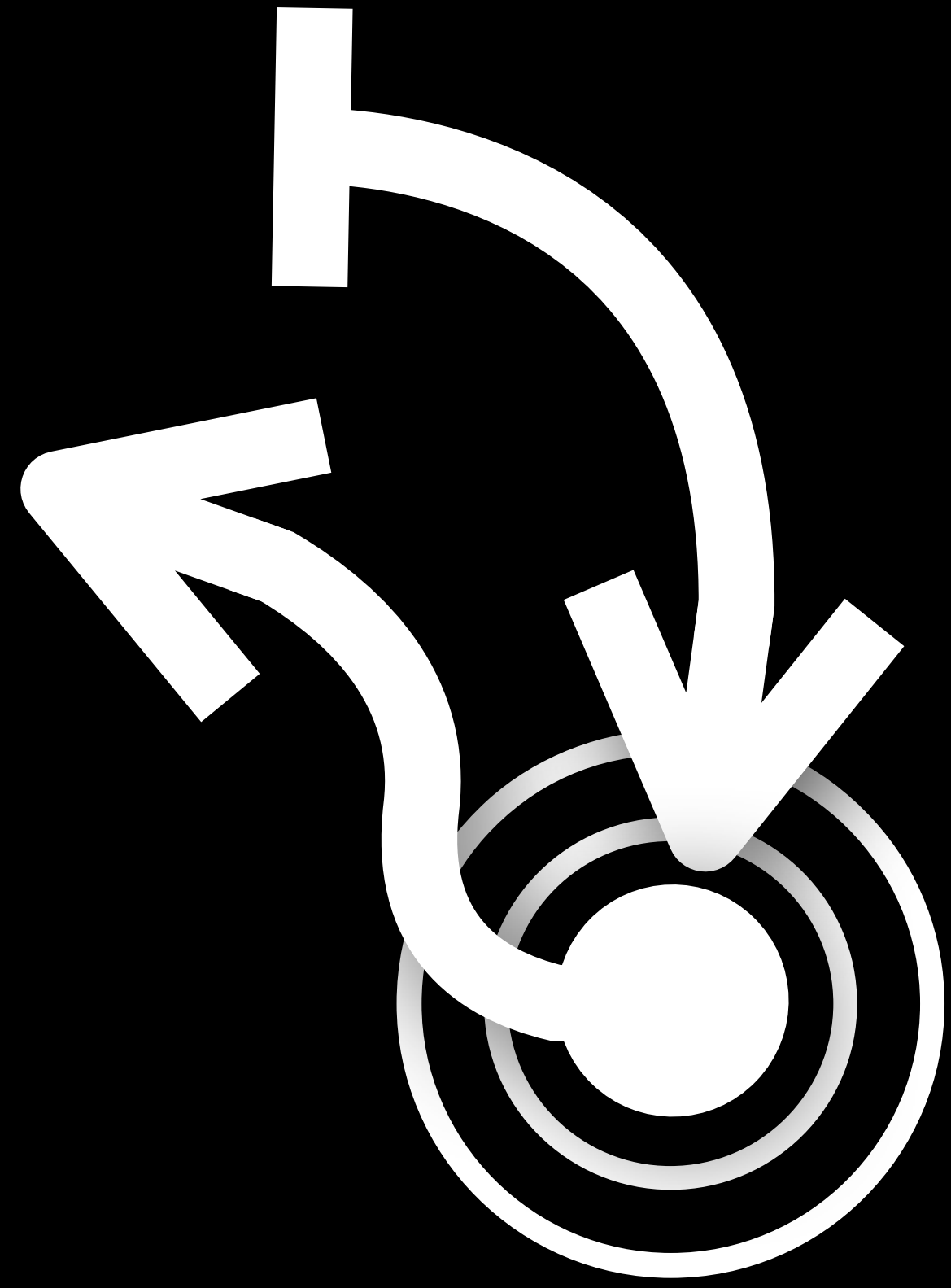


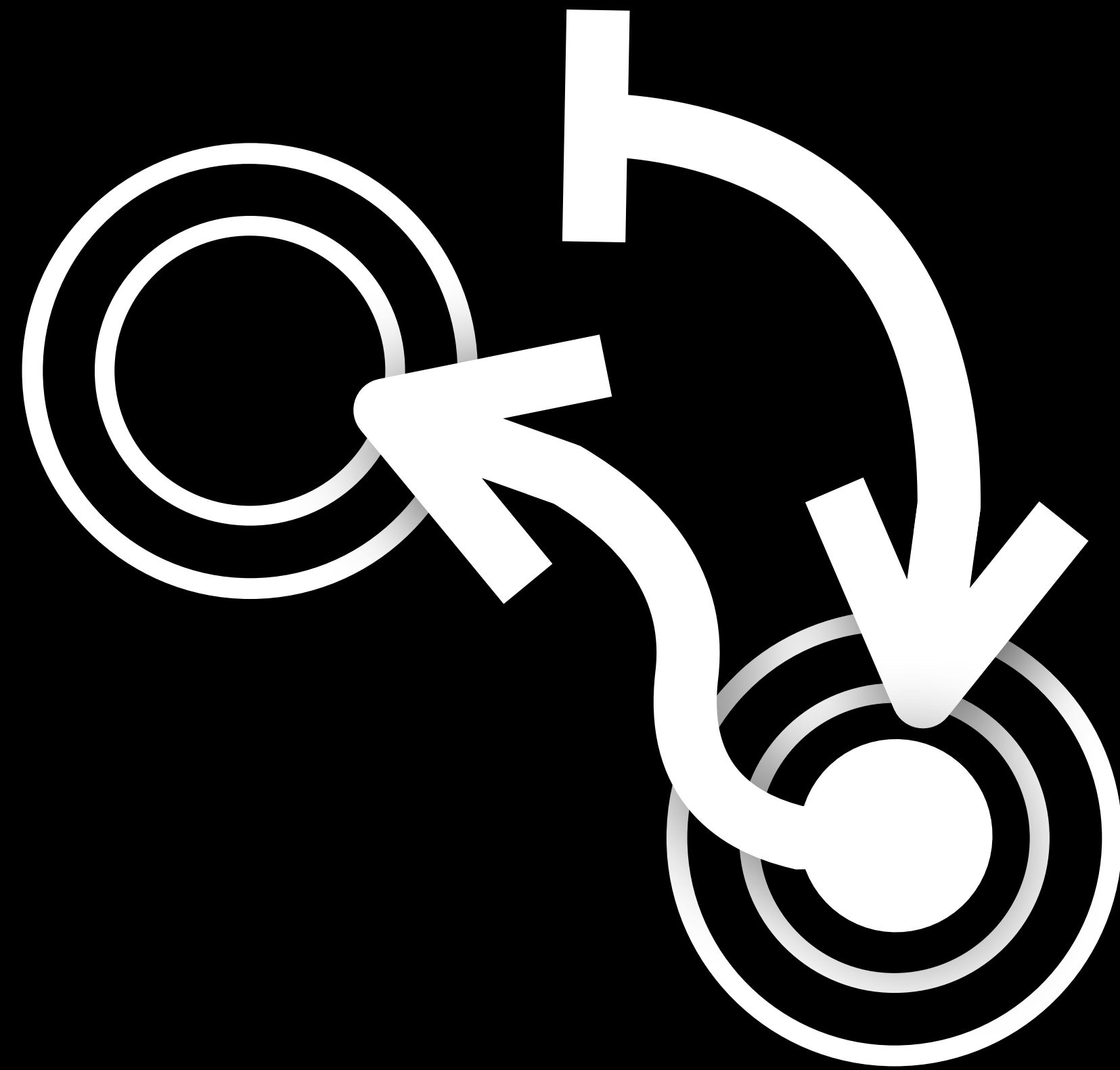
⌘ R

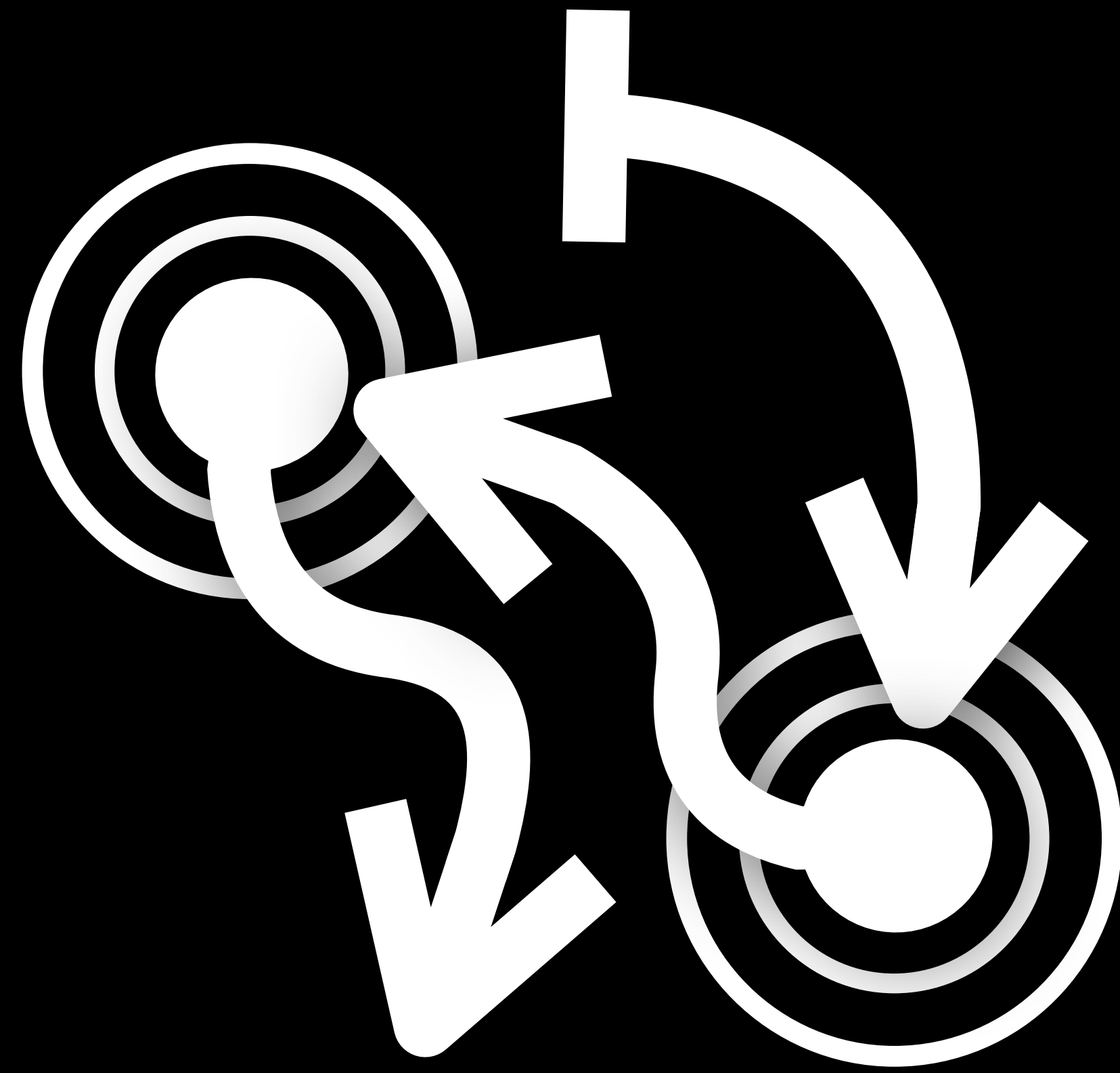


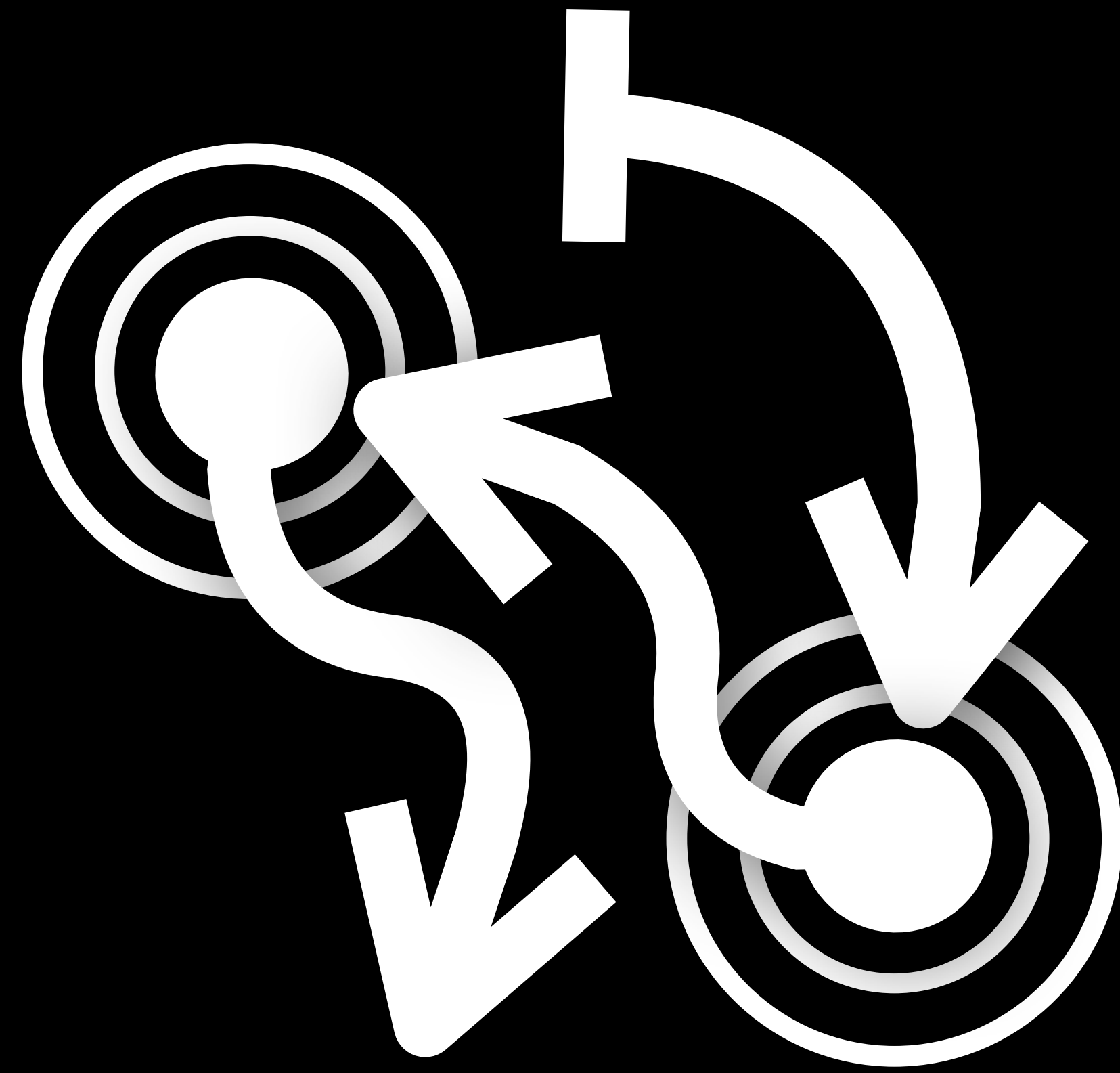


















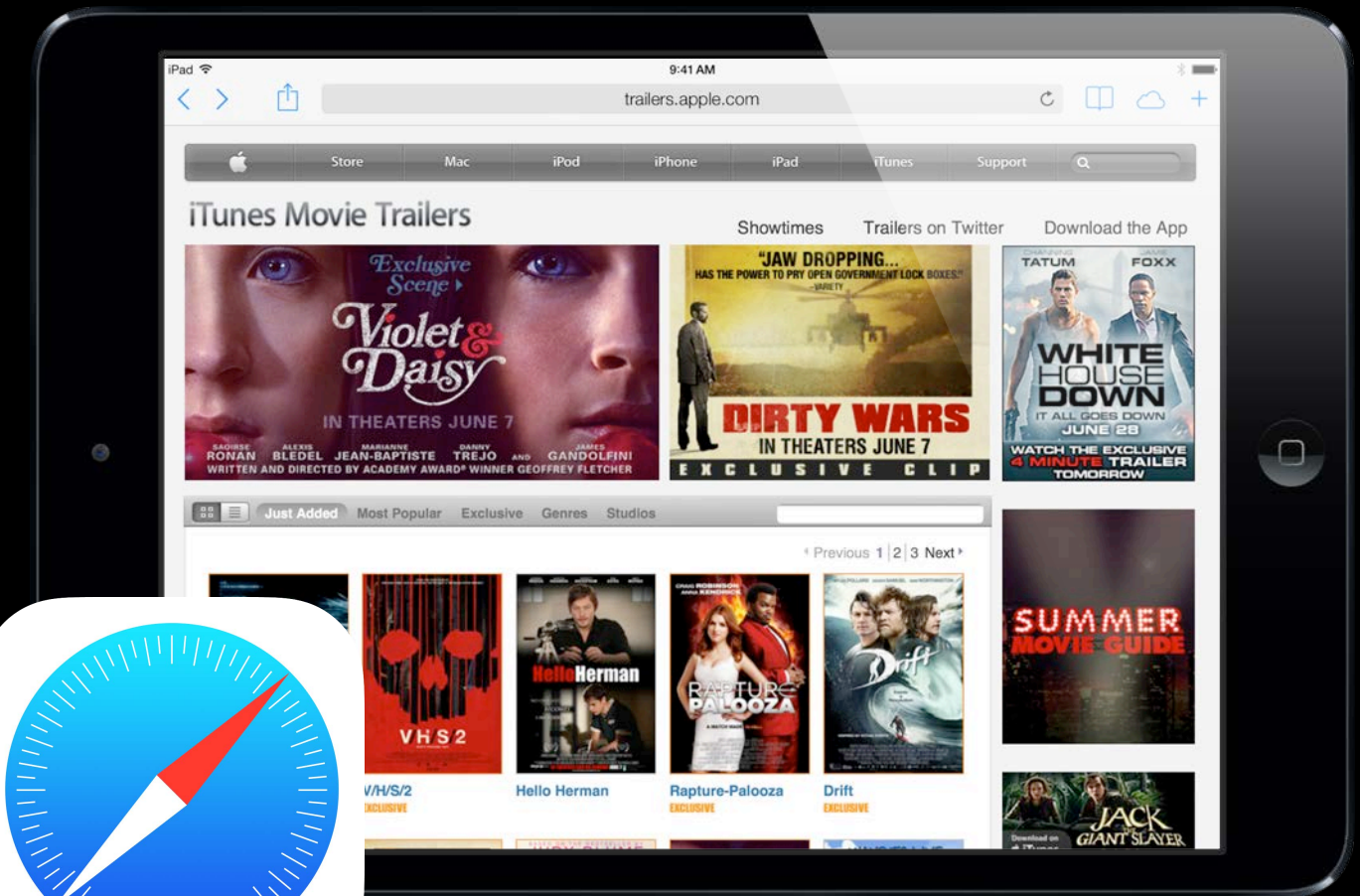


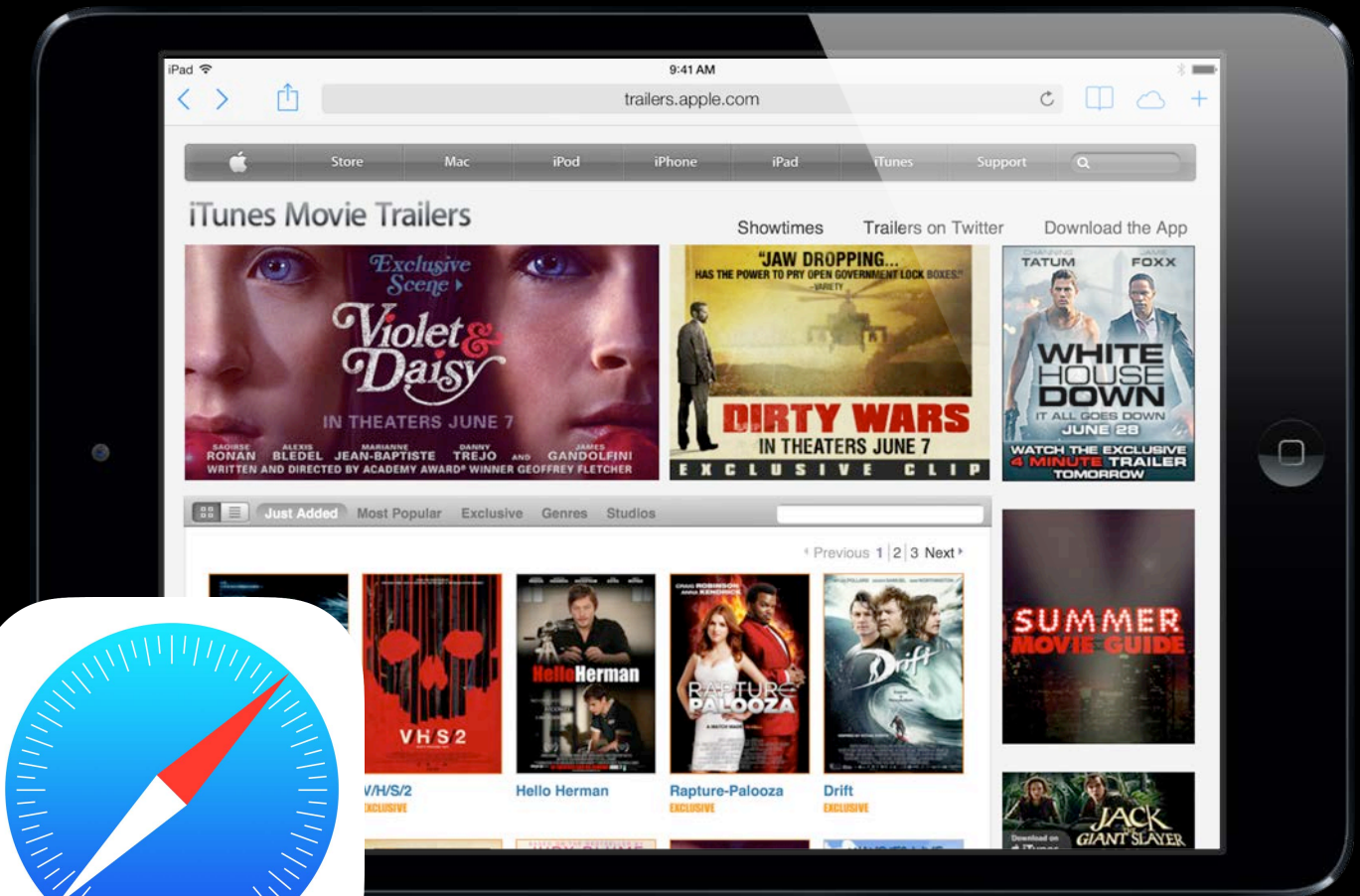


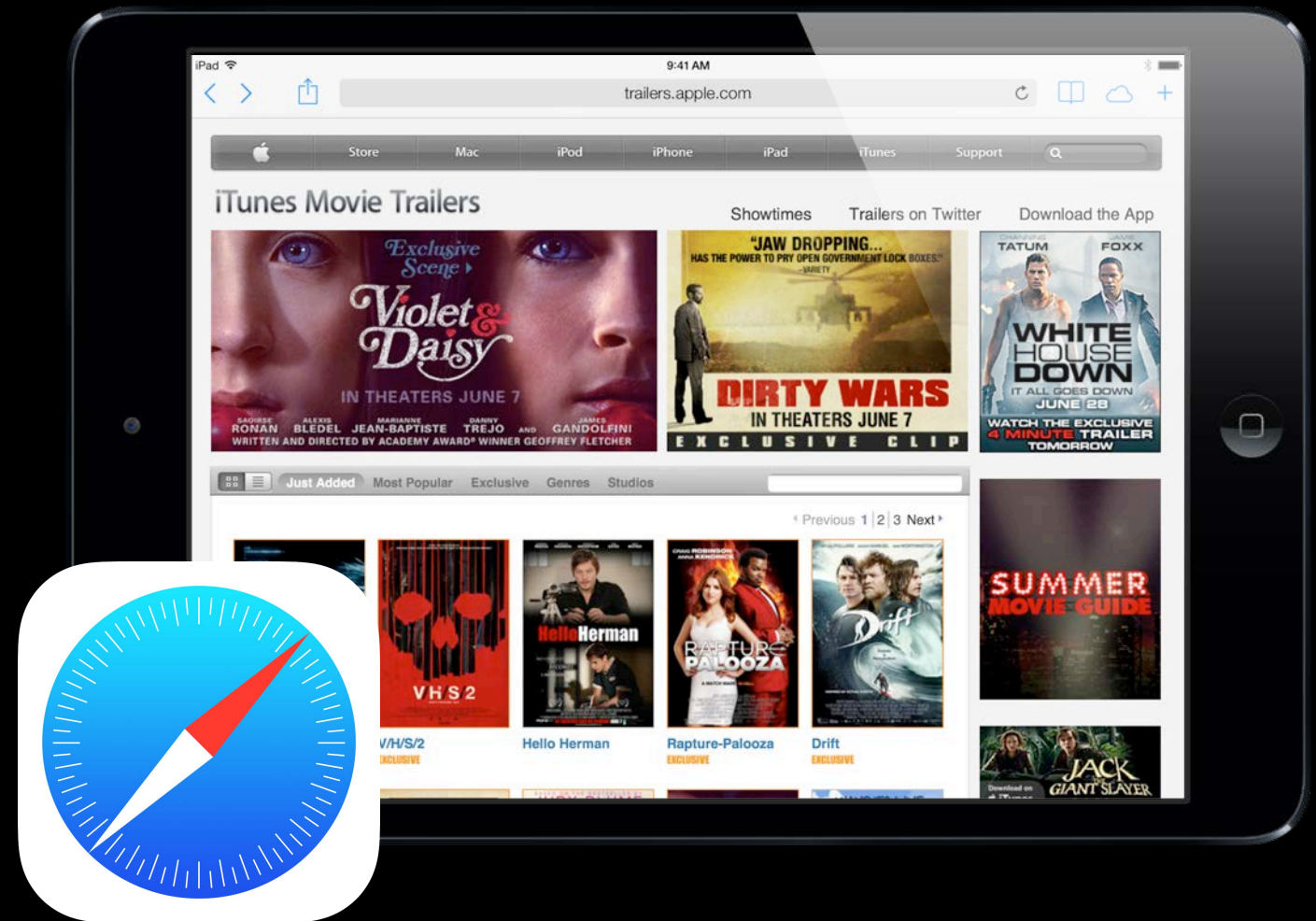


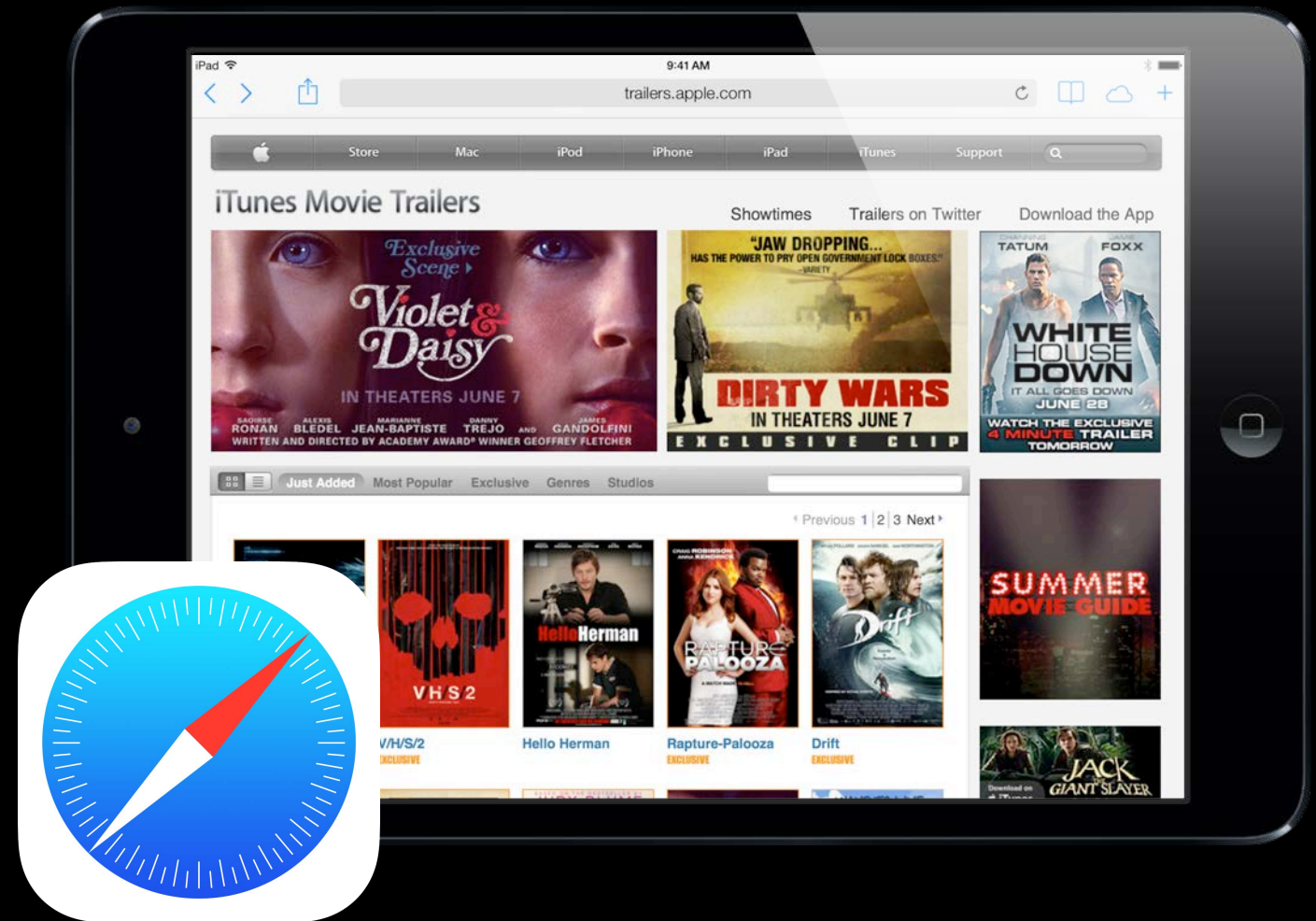
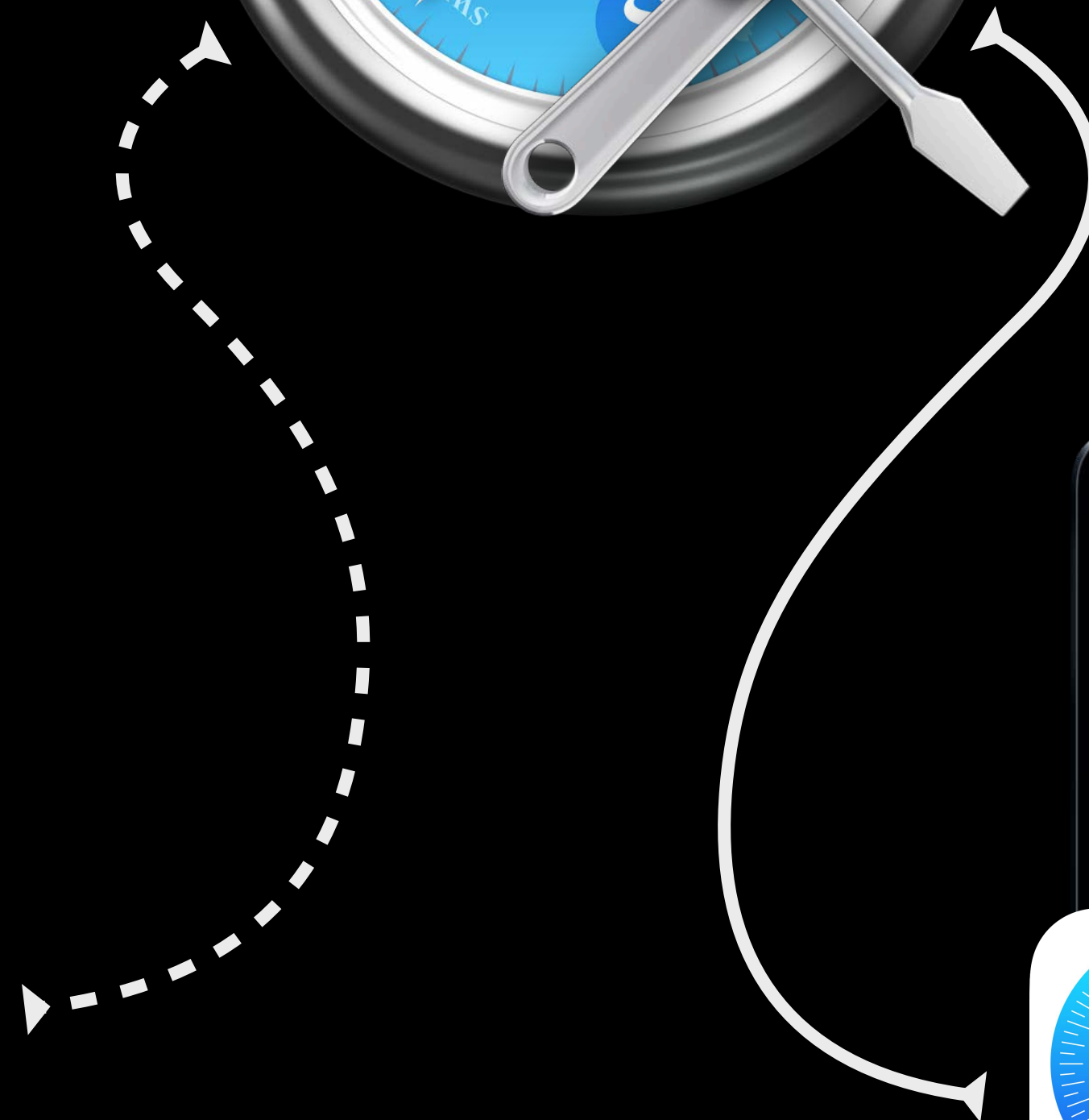


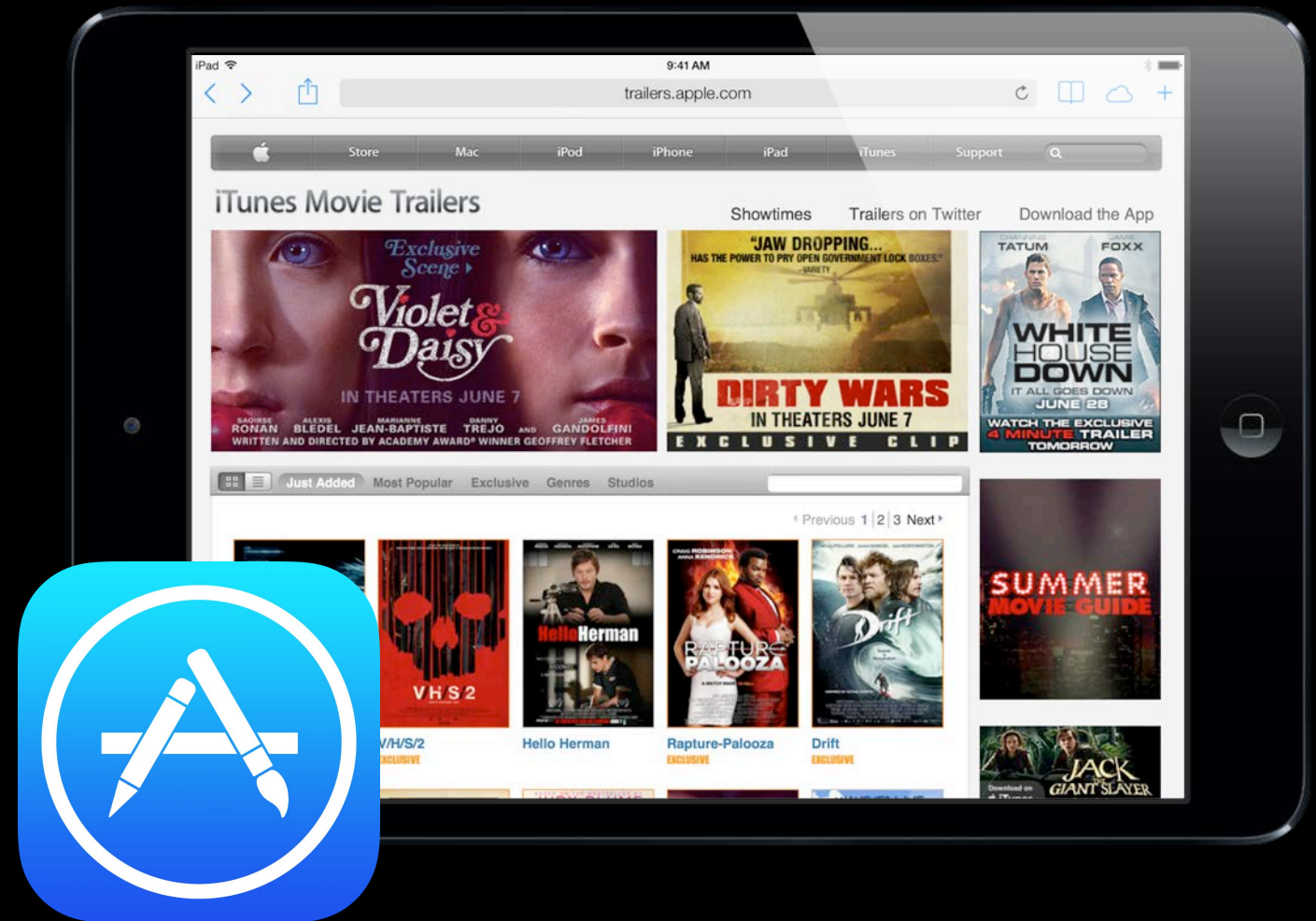












Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

DOM Tree > html > body#home.home

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </nav>
  </body>
</html>
```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.childNode.length
- < 1: innerHTML
- < 1: innerText
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
background-color: #fff;
- body — base.css:109
font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
background-color: transparent;
color: #333;
-webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

What You Will Learn

What You Will Learn

- User interface overview

What You Will Learn

- User interface overview
- Inspection and tweaking

What You Will Learn

- User interface overview
- Inspection and tweaking
- Network performance analysis

What You Will Learn

- User interface overview
- Inspection and tweaking
- Network performance analysis
- Debugging

What You Will Learn

- User interface overview
- Inspection and tweaking
- Network performance analysis
- Debugging

User Interface Overview

Getting started

Demo

Setting up

Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

DOM Tree > html > body#home.home

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </nav>
  </body>
</html>
```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.childNodes.length
- < 1: innerHTML
- < 1: innerText
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
background-color: #fff;
- body — base.css:109
font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
background-color: transparent;
color: #333;
-webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

DOM Tree > html > body#home.home

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </nav>
  </body>
</html>
```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.children.length
- < 1: innerHTML
- < 1: innerText
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
background-color: #fff;
- body — base.css:109
font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
background-color: transparent;
color: #333;
-webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

DOM Tree > html > body#home.home

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </nav>
  </body>
</html>
```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.children.length
- < 1 innerHTML
- < 1 innerText
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
background: #fff;
- body — base.css:109
font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
background-color: transparent;
color: #333;
-webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

DOM Tree > html > body#home.home

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </body>
  </html>
```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.children.length
- > \$0.innerHTML
- < 1 > innerText
- > \$0.innerText

Computed Rules Metrics

body#home.home — Style Attribute

No Properties — Click to Edit

+ New Rule

html, body — home.css:1

background-color: #fff;

body — base.css:109

font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;

background-color: transparent;

color: #333;

-webkit-font-smoothing: antialiased;

html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

DOM Tree > html > body#home.home

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </body>
  </html>
```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.children.length
- < 1 innerHTML
- < 1 innerText
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
background-color: #fff;
- body — base.css:109
font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
background-color: transparent;
color: #333;
-webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,



55 2 MB 3.98s



Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...

- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....
- Filter Resource List

DOM Tree > html > body#home.home

```

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </nav>
  </body>
</html>

```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.children.length
- < 1: innerHTML
- < 1: innerText
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
 - No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
 - background-color: #fff;
- body — base.css:109
 - font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
 - background-color: transparent;
 - color: #333;
 - webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

DOM Tree > html > body#home.home

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </body>
  </html>
```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.children.length
- > innerHTML
- < 1 innerText
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
background-color: #fff;
- body — base.css:109
font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
background-color: transparent;
color: #333;
-webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </nav>
  </body>
</html>
```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.children.length
- < 1: innerHTML
- < 1: innerText
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
background: #fff;
- body — base.css:109
font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
background-color: transparent;
color: #333;
-webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

DOM Tree > html > body#home.home

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </nav>
  </body>
</html>
```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.childNodes.length
- < 1
- > innerHTML
- < 1
- > innerText
- < 1
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
background: #fff;
- body — base.css:109
font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
background-color: transparent;
color: #333;
-webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,



55 2 MB 3.98s



Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...

- Stylesheets
 - XHRs
 - Cookies — www.apple.com
 - Local Storage — www.apple....
- Filter Resource List

DOM Tree > html > body#home.home

```

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </nav>
  </body>
</html>

```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.childNodes.length
- < 1: innerHTML
- < 1: innerText
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
 - No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
 - background-color: #fff;
- body — base.css:109
 - font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
 - background-color: transparent;
 - color: #333;
 - webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

DOM Tree > html > body#home.home

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </body>
  </html>
```

Filter Console Log | All Errors Warnings Logs

- document.body
- <body id="home" class="home">...</body>
- \$0.children.length
- innerHTML
- 1: innerText
- \$0.innerText

Computed Rules Metrics

body#home.home — Style Attribute

No Properties — Click to Edit

+ New Rule

html, body — home.css:1

```
background: #fff;
```

body — base.css:109

```
font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
background-color: transparent;
color: #333;
-webkit-font-smoothing: antialiased;
```

html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

Search Resource Content

www.apple.com

- Images
- Scripts
 - ac_base.js — images.a...
 - ac_retina.js — images....
 - apple_core.js — image...
 - browserdetect.js — im...
 - feedstatistics.js — ima...
 - globalnav.js — images...
 - home.js — images.app...
 - promomanager.js — i...
 - prototype.js — images...
 - s_code_h.js — images....
 - scriptaculous.js — ima...
 - search_decorator.js — ...
 - sizzle.js — images.app...
- Stylesheets
- XHRs
- Cookies — www.apple.com
- Local Storage — www.apple....

Filter Resource List

DOM Tree > html > body#home.home

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en-US" lang="en-US">
  <head>...</head>
  <body id="home" class="home">
    <script type="text/javascript">...</script>
    <script src="http://images.apple.com/global/nav/scripts/globalnav.js" type="text/javascript" charset="utf-8"></script>
    <nav id="globalheader" class="apple globalheader-js svg globalheader-loaded globalheader-loaded">
      <!--googleoff: all-->
      <ul id="globalnav" role="navigation">...</ul>
      <!--googleon: all-->
      <div id="globalsearch">
        <form action="http://www.apple.com/search/" method="get" class="search empty" id="g-search">...</form>
        <div id="sp-magnify">
          <div class="magnify-searchmode"></div>
          <div class="magnify"></div>
        </div>
        <div id="sp-results"></div>
      </div>
    </nav>
  </body>
</html>
```

Filter Console Log | All Errors Warnings Logs

- > document.body
- < > <body id="home" class="home">...</body>
- > \$0.childNodes.length
- < 1: innerHTML
- < 1: innerText
- > \$0.innerText

Computed Rules Metrics

- body#home.home — Style Attribute
No Properties — Click to Edit
- + New Rule
- html, body — home.css:1
background-color: #fff;
- body — base.css:109
font: 12px/18px "Lucida Grande", "Lucida Sans Unicode", Helvetica, Arial, Verdana, sans-serif;
background-color: transparent;
color: #333;
-webkit-font-smoothing: antialiased;
- html, body, div, ul, ol, li, dl, dt, dd, h1, h2, h3, h4, h5, h6, pre, form, p, blockquote, fieldset, input, abbr, article, aside, command, details, figcaption, figure, footer, header,

What You Will Learn

- User interface overview
- Inspection and tweaking
- Network performance analysis
- Debugging

What You Will Learn

- User interface overview
- Inspection and tweaking
- Network performance analysis
- Debugging

Inspection and Tweaking

Demo

Modernizing a web page

Inspection and Tweaking

Summary

Inspection and Tweaking

Summary

- Live “view source” for Safari

Inspection and Tweaking

Summary

- Live “view source” for Safari
- Tweak without the endless rebuild cycle

Inspection and Tweaking

Summary

- Live “view source” for Safari
- Tweak without the endless rebuild cycle
- Touch elements in Safari to select them in the Inspector

Inspection and Tweaking

Summary

- Live “view source” for Safari
- Tweak without the endless rebuild cycle
- Touch elements in Safari to select them in the Inspector
- Hover DOM nodes to highlight the CSS boxes

Inspection and Tweaking

Summary

- Live “view source” for Safari
- Tweak without the endless rebuild cycle
- Touch elements in Safari to select them in the Inspector
- Hover DOM nodes to highlight the CSS boxes
- Full click-and-type editing for HTML and CSS

Related Sessions

What's New in Safari and WebKit for Web Developers

Mission
Tuesday 9:00AM



Related Sessions

What's New in Safari and WebKit for Web Developers

Mission
Tuesday 9:00AM

Getting the Most Out of Web Inspector

Russian Hill
Tuesday 11:30AM

What You Will Learn

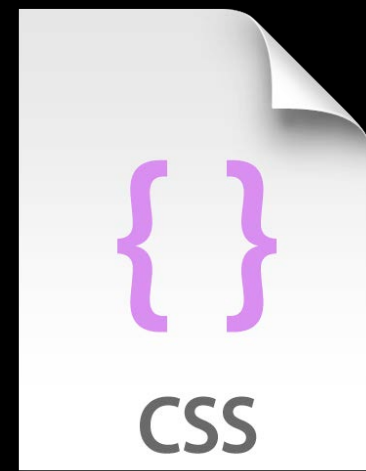
- User interface overview
- Inspection and tweaking
- Network performance analysis
- Debugging

What You Will Learn

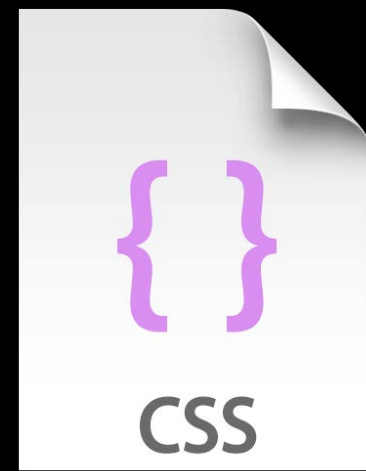
- User interface overview
- Inspection and tweaking
- Network performance analysis
- Debugging

Network Performance Analysis

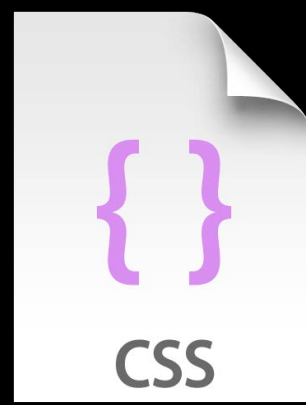














Demo

Keeping track of resources

Network Performance Analysis

Summary

Network Performance Analysis

Summary

- Track load of all resources in a timeline

Network Performance Analysis

Summary

- Track load of all resources in a timeline
- Distinguish latency and download time

Network Performance Analysis

Summary

- Track load of all resources in a timeline
- Distinguish latency and download time
- Identify sequential dependencies

Related Sessions

Getting the Most Out of Web Inspector

Russian Hill
Tuesday 11:30AM

Related Sessions

Getting the Most Out of Web Inspector

Russian Hill
Tuesday 11:30AM

Power and Performance: Optimizing Your Website
for Great Battery Life and Responsive Scrolling

Russian Hill
Wednesday 9:00AM

What You Will Learn

- User interface overview
- Inspection and tweaking
- Network performance analysis
- Debugging

What You Will Learn

- User interface overview
- Inspection and tweaking
- Network performance analysis
- Debugging

Debugging

Demo

Debugging

Debugging

Summary

Debugging

Summary

- Go beyond `console.log()` to debug

Debugging

Summary

- Go beyond `console.log()` to debug
- Use breakpoints to pause JavaScript execution

Debugging

Summary

- Go beyond `console.log()` to debug
- Use breakpoints to pause JavaScript execution
- Scope Chain and popovers provide context

Debugging

Summary

- Go beyond `console.log()` to debug
- Use breakpoints to pause JavaScript execution
- Scope Chain and popovers provide context
- Quick Console

Related Sessions

Getting the Most Out of Web Inspector

Russian Hill
Tuesday 11:30AM

What You Will Learn

- User interface overview
- Inspection and tweaking
- Network performance analysis
- Debugging

Summary

- User interface overview
- Inspection and tweaking
- Network performance analysis
- Debugging

Getting Involved

Getting Involved

- Try out new features with WebKit nightlies at nightly.webkit.org

Getting Involved

- Try out new features with WebKit nightlies at nightly.webkit.org
- Raise bugs on bugs.webkit.org/new-inspector-bug

Getting Involved

- Try out new features with WebKit nightlies at nightly.webkit.org
- Raise bugs on bugs.webkit.org/new-inspector-bug
- Find us on the irc.freenode.net channel `#webkit-inspector`

Getting Involved

- Try out new features with WebKit nightlies at nightly.webkit.org
- Raise bugs on bugs.webkit.org/new-inspector-bug
- Find us on the irc.freenode.net channel #webkit-inspector
- Contribute to development as an open source project

More Information

John Geleynse

Director, Technology Evangelism
geleynse@apple.com

Documentation

Safari Web Inspector Guide
<http://developer.apple.com/mac>

WebKit

WebKit Open Source Project
<http://webkit.org>

Apple Developer Forums

<http://devforums.apple.com>

Related Sessions

What's New in Safari and WebKit for Web Developers

Mission
Tuesday 9:00AM

Getting the Most Out of Web Inspector

Russian Hill
Tuesday 11:30AM

Power and Performance: Optimizing Your Website for Great Battery Life and Responsive Scrolling

Russian Hill
Wednesday 9:00AM

Labs

Safari and Web Tools Lab	Media Lab A Tuesday 12:45PM	
Web Content Optimization Lab	Media Lab A Wednesday 10:15AM	
Safari and WebKit Open Lab	Media Lab A Thursday 9:00AM	
Safari and WebKit Open Lab	Media Lab A Friday 9:00AM	
Safari and Web Tools Lab	Media Lab A Friday 2:00PM	

 WWDC2013