

WebKit Remote Debugging

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CocoaHeads Berlin
14. April 2012



Debugging UIWebView

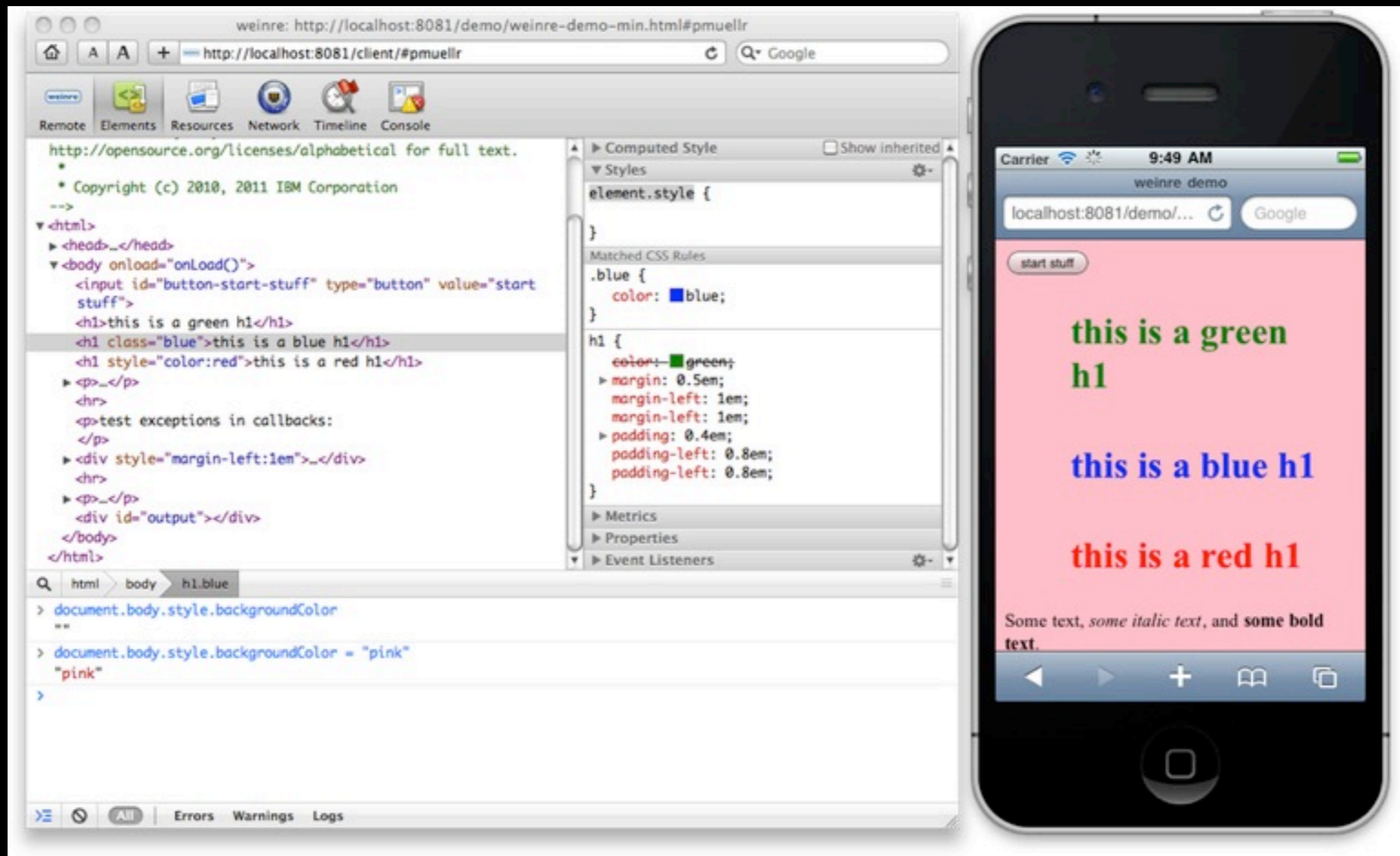
`alert`

„The most awful way to debug.“

Workaround: write your own console :-)

2011: Weinre

WebKit Inspector Remote



2011: Weinre

- Patrick Mueller (Github: pmuellr)
- How did it work:
 1. Start Server (Mac/Java App with nodejs)
 2. Include Client-Script from Server
 3. Use WebKit Inspector
- 2012: Part of Apache Cordova
- Stopped (?) working since Lion

<http://phonegap.github.com/weinre/>

2012: WebKit Remote Debugging

Nathan de Vries Blog:

„Enabling Remote Debugging via Private APIs in Mobile Safari“

```
@interface WebView (WebPrivate)
+ (void)_enableRemoteInspector;
@end
```

Demo

Enabling WebKit Remote Debugging

1. Call Private API:

```
#if TARGET_IPHONE_SIMULATOR
    if (SYSTEM_VERSION_GREATER_THAN_OR_EQUAL_TO(@"5.0")) {
        [NSClassFromString(@"WebView")
performSelector:@selector(_enableRemoteInspector)];
    }
#endif
```

2. Open Safari with URL

<http://localhost:9999>

WebKit Remote Debugging: Caveats

- Only in the simulator
- Only iOS 5
- `console.log` etc. (JavaScript) does not work
- Private API!

Thanks.

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