Building Chrome extension with AngularJS

Ilija Tešić

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I will talk about…

- AngularJS intro

- Chrome extensions overview

- Chrome extension architecture

- Challenges in Chrome extension development

- Where to start

Adblock Plus

AngularJS

- Powerful web framework

- Modules

- Directives

- Dependency Injection

Simple Angular application

```html
<html ng-app="myApp" >
    <head >
            <title>Simple Angular app</title>
    </head>
    <body ng-controller="mainController">
        {{ pageContent }}
    </body>
    <script src="angular.js"></script>
</html>
```
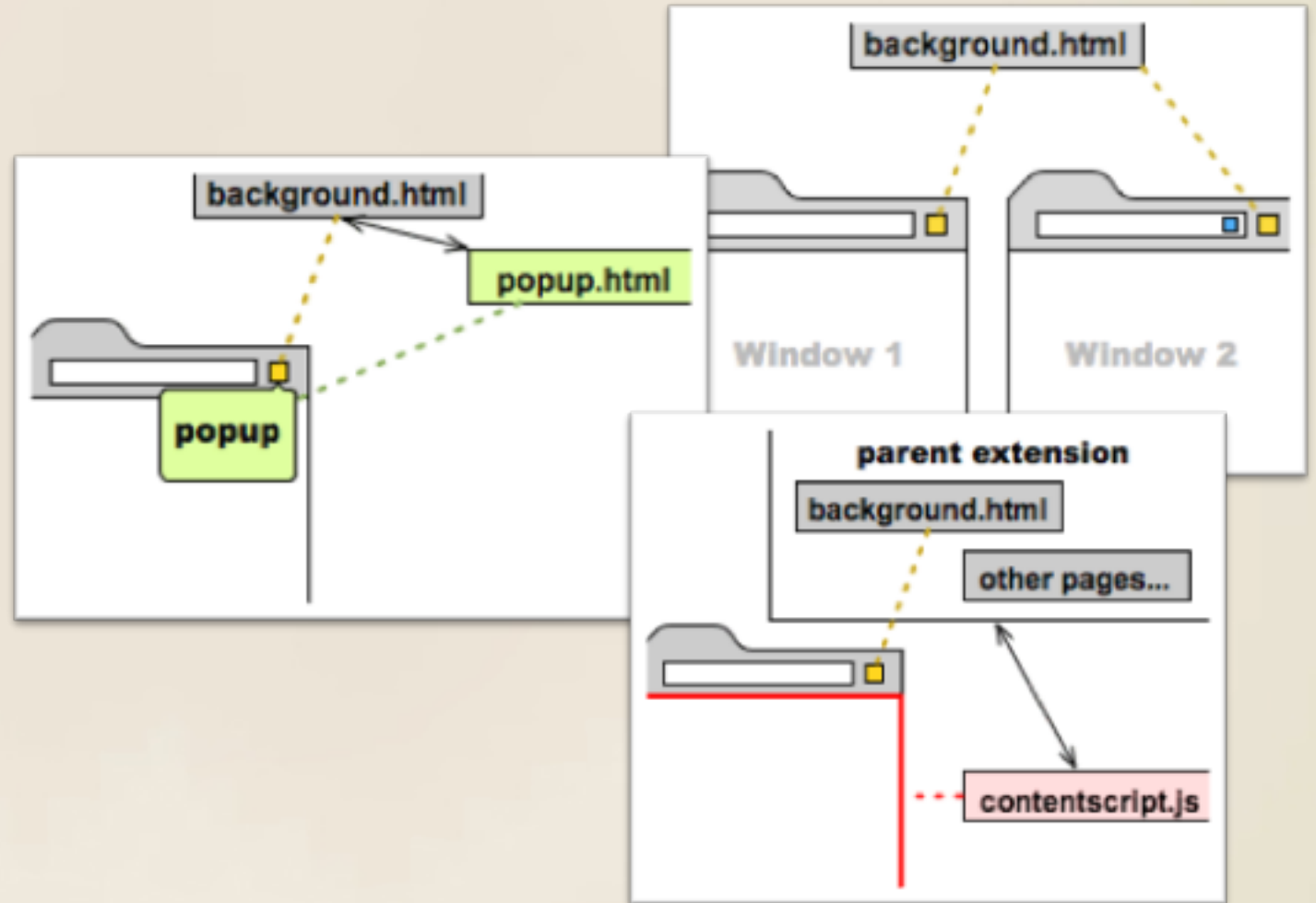
Chrome extension overview

- Types

- Chrome API

- Distribution

Chrome extension architecture

- Background script

- Popup script

- Content script

- Manifest

- Messaging service

Challenges in Chrome extension development

- How to put Angular(s) in Chrome extension architecture

- Multiple scopes – communication between them

- External link opens in iframe or new window / tab

- OAuth is difficult to implement (other than Google API)

Where to start

- Developing Chrome extension: getting started tutorial

  https://developer.chrome.com/extensions/getstarted

- Yeoman Chrome extension generator

  https://github.com/yeoman/generator-chrome-extension

- AngularJS

  https://angularjs.org/

Thanks!

ilija@klika.ba – www.itesic.me – @itesic