

IBM Connections Customizer

Episode 2

- Quick Start with Grease Monkey
- Hello World!
- Wait for the right moment... “dojo.ready” !
- Taking Control of the User Interface
- Next Steps

Presenter



*Christian Guedemann – OpenNTF
Chairman – App Dev Freak*

GREASE MONKEY

GreaseMonkey lets you inject JavaScript code to modify the behaviour of a web page in the browser.

Same concept as IBMConnections Customizer - but only on your local browser! The perfect development setup!



INSTALL GREASEMONKEY IN YOUR BROWSER

It's a Firefox add-on!



Greasemonkey 3.11

Von [Anthony Lieuallen](#)

Customize the way a web page displays or behaves, by using small bits of JavaScript.

Allows you to customize the way a web page displays or behaves, by using small bits of JavaScript.

You can write your own scripts, too. Check out <http://wiki.greasespot.net/> to get started. Many scripts already exist, probably ones to enhance your favorite sites. Find them at http://wiki.greasespot.net/User_Script_Hosting.

Having trouble? Please don't post comments here, nobody will see them. If you need help, please read:
http://wiki.greasespot.net/Greasemonkey_Manual:Getting_Help

Zuletzt aktualisiert	26. April 2017
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Homepage	http://www.greasespot.net/
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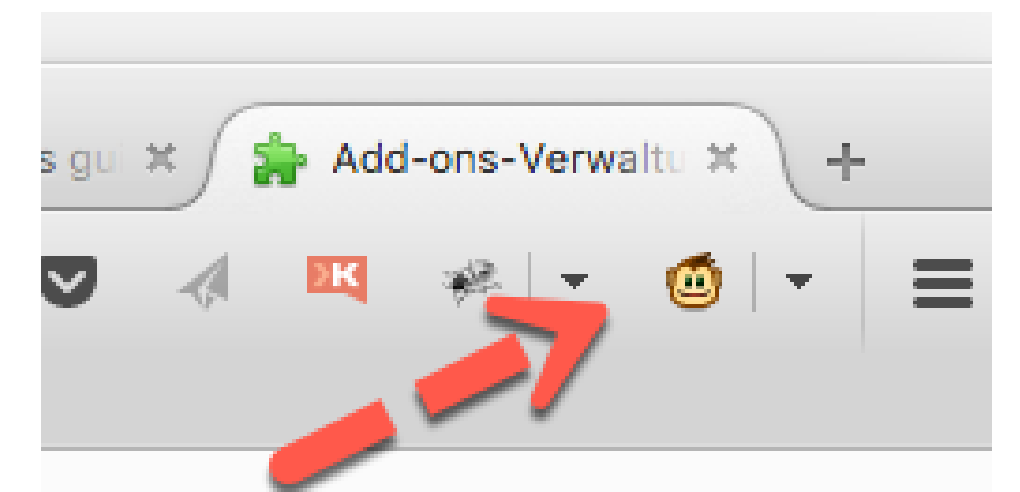
Größe	327 KB
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Bewertung	★★★★☆ 1174 Bewertungen
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Downloads	80136951
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Installieren

Now you are ready to go and
customize Connections (only
local, only for development)



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HELLO WORLD / HELLO CONNECTIONS

Neues Benutzerskript

Name:

Hello Connections!

Namensraum:

christian.guedemann@webgate.biz

Beschreibung:

Auf diese Seiten anwenden (zeilenweise angeben):

https://apps.na.collabserv.com/*

Nicht auf diese Seiten anwenden (zeilenweise angeben):

Abbrechen

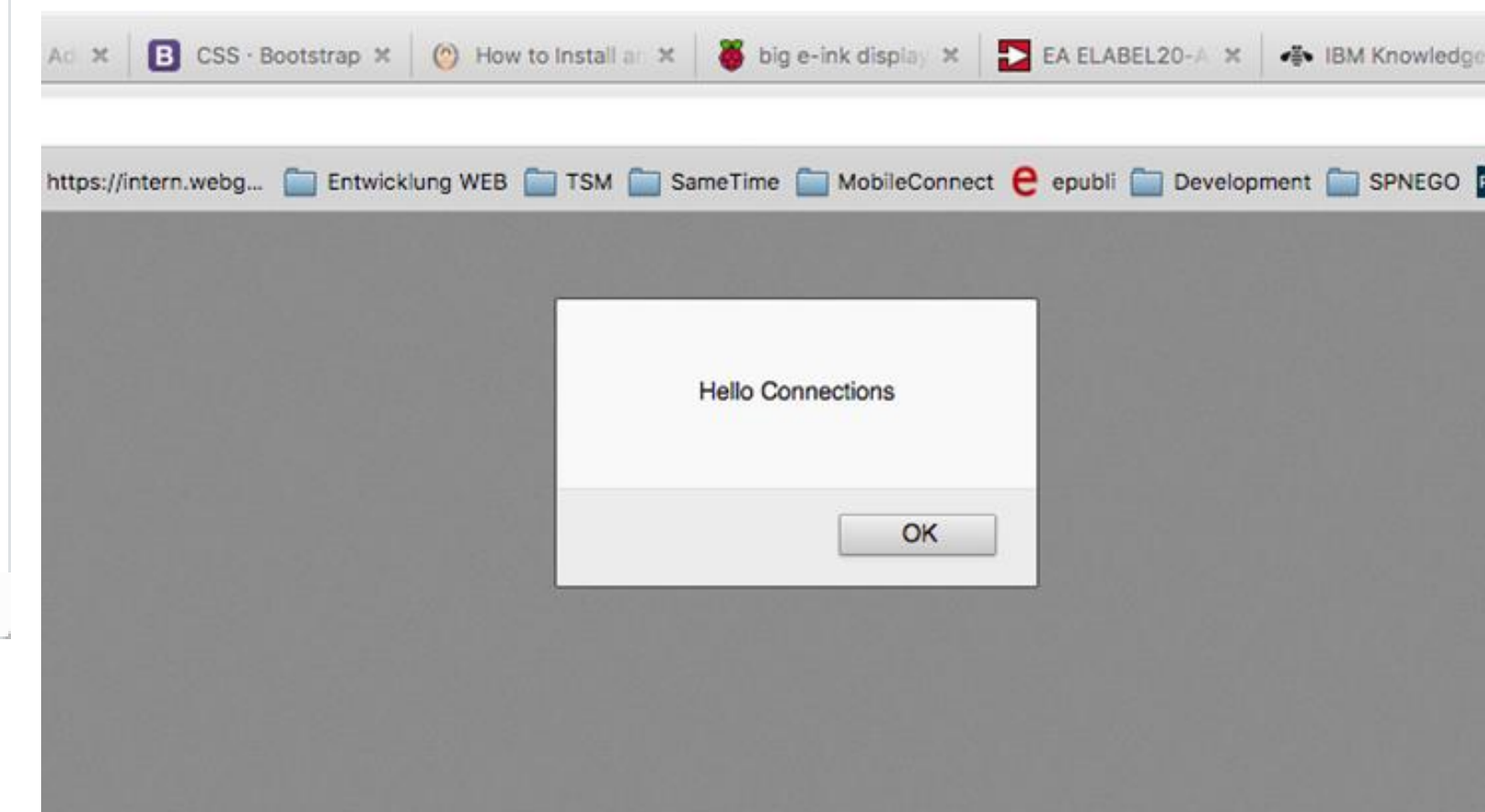
OK

*/Users/guede/Library/Application Support/Firefox/Profiles/2mninwy1.default/gm_scripts/H...

Datei öffnen... Speichern Speichern unter... Einheitlich formatieren

```
1 // ==UserScript==
2 // @name      Hello Connections!
3 // @namespace  christian.guedemann@webgate.biz
4 // @include   https://apps.na.collabserv.com/*
5 // @version   1
6 // @grant     none
7 // ==/UserScript==
8
9 alert('Hello Connections!')
```

Zeile 9, Spalte 25



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WAITING FOR THE RIGHT MOMENT

```
1 // ==UserScript==
2 // @name      Hello Connections!
3 // @namespace  christian.guedemann@webgate.biz
4 // @include   https://apps.na.collabserv.com/*
5 // @version   1
6 // @grant     none
7 // ==/UserScript==
8
9 //getting dojo for GreaseMonkey
10 var dojo = unsafeWindow.dojo;
11
12 if (typeof (dojo) != 'undefined') {
13 | require(['dojo/domReady'],
14 | function () {
15 |     alert('Hello Connections!')
16 | });
17 | }
```

Zeile 13, Spalte 1

var dojo = unsafeWindow.dojo;

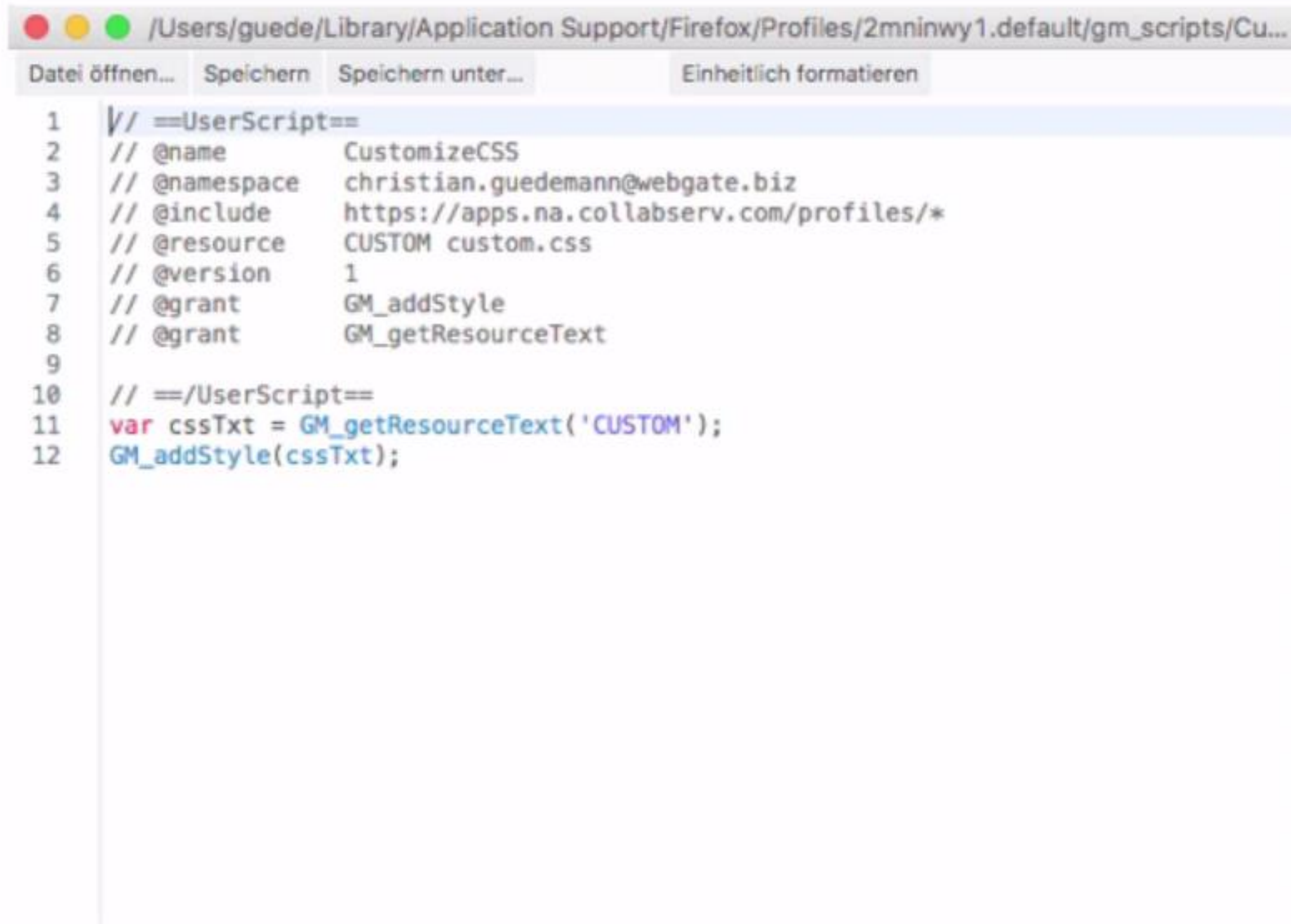
Accessing dojo inside of the GreaseMonkey Sandbox

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TAKING CONTROL OF THE USER INTERFACE



```
1 // ==UserScript==
2 // @name      CustomizeCSS
3 // @namespace  christian.guedemann@webgate.biz
4 // @include   https://apps.na.collabserv.com/profiles/*
5 // @resource   CUSTOM custom.css
6 // @version    1
7 // @grant      GM_addStyle
8 // @grant      GM_getResourceText
9
10 // ==/UserScript==
11 var cssTxt = GM_getResourceText('CUSTOM');
12 GM_addStyle(cssTxt);
```

Using GreaseMonkey to inject a CSS File

Rectangular Snip



IN SUMMARY

Develop the initial drafts of your customization in your local browser

Create those drafts using a user script browser extension, e.g.

GreaseMonkey for Firefox

TamperMonkey for Chrome

The JS and CSS files you generate locally become the raw materials for your Customizer extension which will run on the server side

Resources:

<https://greasyfork.org/en>

<https://tampermonkey.net/>

<http://www.greasespot.net/>

<https://zach-adams.com/2014/05/best-userscripts-tampermonkey-greasemonkey/>

<https://www.lifewire.com/top-greasemonkey-tampermonkey-user-scripts-4134335>

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NEXT STEPS

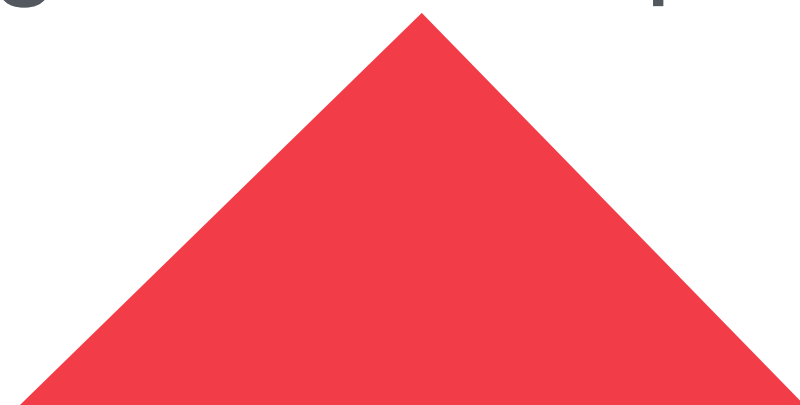


What's coming in Episode 3 ?

Padraic Edwards shows how to enable Customizer for IBM Connections Cloud

- Getting set up on IBM Connections Cloud
- Enabling IBM Connections Cloud with Customizer
- Sharing your Customizations with IBM
- Updating your Customizations
- Watch this space

https://opencode4connections.org/oc4c/cu.xsp?key=ccc_episode3



T H A N K Y O U !