

WEB DEVELOPER CHEMNITZ

Regelmäßiges monatliches Treffen Chemnitzer Web-Entwickler.
Erfahrungen zu aktuellen Technologien in interessanten Vorträgen.

AGENDA

Lars Wiedemann Frontend News

Ramon Anger Java News

Daniel Schröder PHP News

Amadeus Alfa Von den Bedürfnissen eines Webservers

Martin Kutter Create React App

~~Alexander Widera "I am programmer, I have no life"~~

Frontend NEWS

Safari Preview 38 implements Service Worker (Experimental Feature)

```
{  
  "name": "Service Workers",  
  "status": {  
    "status": "In Development"  
  },  
  "url": "https://w3c.github.io/ServiceWorker/",  
  "webkit-url": "https://webkit.org/b/174541",  
  "keywords": ["service workers"],  
  "category": "webapps",  
  "description": "A method for browsers to run JavaScript in the background to handle network requests and  
  use cached responses. Service Workers offers a replacement for Application Cache.",  
  "contact": {  
    "name": "Brady Eidson",  
    "twitter": "@bradeeoh",  
    "email": "beidson@apple.com"  
  }  
},
```



Angular-CLI 3

Angular Universal support

(Experimental Feature)

1.3 - Hopper

 hansl released this 21 days ago · 106 commits to master since this release

This is release 1.3.0 of the Angular CLI. As a minor release, it adds a lot of new features (as well as a considerable amount of bug fixes) from the 1.2 releases.

Notably, amongst new features:

1. Universal (experimental) support. [Follow this tutorial](#) to try it out.
2. Add a new optimizer mode. Use `--build-optimizer` with `ng build` or `ng serve` to try it out. We suggest to use it only in production builds.
3. Webpack 3 support. Webpack has been updated to the latest version, which includes multiple fixes and a scope hoisting features that you get for free.
4. Naming of your lazy chunks. No more `0.js` in your dist folder! This is disabled in production builds.
5. Typescript has been updated and we now support ES2017 by default.
6. Proper size reporting. Sizes shown in your reports are now the ones from your filesystem.



Polymer 3.0 Preview

NPM/YARN and es6 Modules support

Hands-on with the Polymer 3.0 preview

Get started experimenting with Polymer on npm and ES6 modules.



Arthur Evans · 2017-08-23



ES6 modules

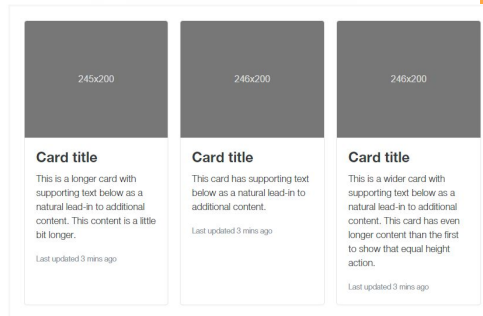
Bootstrap 4 Beta Moved from LESS to SASS

- Moved nearly everything to flexbox
- Dropped wells, thumbnails, and panels for cards
- Dropped IE8 and IE9 support,

Bootstrap

Build responsive, mobile-first projects on the web with the world's most popular front-end component library.

Bootstrap is an open source toolkit for developing with HTML, CSS, and JS. Quickly prototype your ideas or build your entire app with our Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful plugins built on jQuery.

[Get started](#)[Download](#)

PHP NEWS

PHP 7.2 beta 3

Third and final beta for 7.2

- No more support for Windows < 7 | | 2008R2
- RC1 should be available at 2017-08-31
- Stable version at the end of November

php Downloads Documentation Get Involved Help

News Archive - 2017

Here are the most important news items we have published in 2017 on PHP.net.

PHP 7.2.0 Beta 3 Released

17 Aug 2017

The PHP development team announces the immediate availability of PHP 7.2.0 Beta 3. This release is the third and final beta for 7.2.0. All users of PHP are encouraged to test this version carefully, and report any bugs and incompatibilities in the [bug tracking system](#).

THIS IS A DEVELOPMENT PREVIEW - DO NOT USE IT IN PRODUCTION!

For more information on the new features and other changes, you can read the [NEWS](#) file, or the [UPGRADING](#) file for a complete list of upgrading notes. These files can also be found in the release archive.

For source downloads of PHP 7.2.0 Beta 3 please visit the [download](#) page, Windows sources and binaries can be found at [windows.php.net/qa/](#).

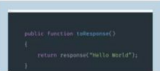






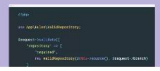

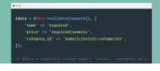

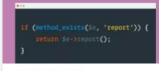

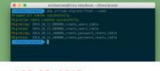





The first Release Candidate will be released on the 31th of August. You can also read the full list of planned releases on [our wiki](#).

Thank you for helping us make PHP better.

Version 5.5

Laravel

- Requires PHP 7.0+
- New LTS version

 <p>JUL 26, 2017 Laravel 5.5 Responsible Interface for Responses</p>	 <p>JUL 14, 2017 Laravel 5.5 Custom Validation Rule Objects</p>	 <p>JUL 12, 2017 Blade::if() Directives</p>
 <p>JUL 05, 2017 Laravel 5.5 Pivot Casting</p>	 <p>JUN 27, 2017 DD and Dump Are coming to Collections in Laravel 5.5</p>	 <p>JUN 06, 2017 Laravel Package Auto-Discovery</p>
 <p>JUN 02, 2017 Whoops is coming back in Laravel 5.5</p>	 <p>MAY 31, 2017 Laravel 5.5 Custom Validator Rules</p>	 <p>MAY 18, 2017 Laravel throw_if and throw_unless Helpers</p>
 <p>MAY 04, 2017 Laravel 5.5 Returns the Request Data from the Validator</p>	 <p>MAY 01, 2017 Laravel 5.5 Gets Improvements with the Default Error Views</p>	 <p>APR 17, 2017 Laravel 5.5 Adds Support for Custom Exception Reporting</p>
 <p>APR 10, 2017 Laravel 5.5 Adds Frontend Presets</p>	 <p>APR 07, 2017 Laravel Migrate Fresh Command</p>	 <p>APR 03, 2017 Laravel 5.5 Adds Support for Email Themes in Mailables</p>
 <p>MAR 27, 2017 In Laravel 5.5 You Can Render Mailables to the Browser</p>	 <p>MAR 13, 2017 In Laravel 5.5 "vendor:publish" Gets A Provider Prompt</p>	 <p>FEB 20, 2017 Laravel 5.5 Will Be The Next LTS Release</p>
 <p>DEC 16, 2016 Laravel 5.5 will require PHP 7.0+</p>		

Version 3.5

CakePHP

- Expanded PSR7 stack
- ORM improvements
- Route Builder sugar

3.5 Roadmap

Mark Story edited this page on 26 Jul · 26 revisions


CakePHP 3.5 will add new large features and deprecations to the 3.x release series. It will be backwards compatible with the rest of 3.x

Expand PSR7 HTTP stack

Building on the introduction of PSR7 messages in 3.4, 3.5 will:



-  Explore and implement unstable APIs for Middleware Pipelines. [#10308](#)
-  Add new methods for interacting with cookies on the Request? [#9193](#)
-  Add cookie encryption PSR7 Middleware, deprecating the encryption features of CookieComponent.
-  Add middleware version of CsrfComponent
-  Make it easier to work with uncaught exceptions in `IntegrationTestCase`. Add a mode to allow errors to bubble up. See [#10157](#).

ORM Improvements

-  Extract `DependentDelete` trait into a helper class, and use it by composition.

Route Builder DSL

Add the low-effort changes discussed in [#10643](#):

-  Add new HTTP method sugar methods.
-  Add fluent setters for the currently supported options.

Console Application

The `Application` class has been working well for web requests. For consistency sake it would be ideal if the same `Application` class was used in Console environments as well. This would let us leverage the `Application` for bootstrap & configuration steps. It would provide a good place to introduce a 'console app' concept which would let us move the CakePHP console library in a direction that would enable standalone CLI applications similar to `Symfony\Console` [#10716](#).

JAVA
NEWS

August, 23th: JEE will be led
by Eclipse Foundation /
Apache Software Foundation

Oracle no longer wants Java Enterprise Edition



August, 23th: JEE 8 mit
JAX-RS, HTTP/2, JEE Security
API, Eventing und JSON-B/P

Final approval for JEE 8

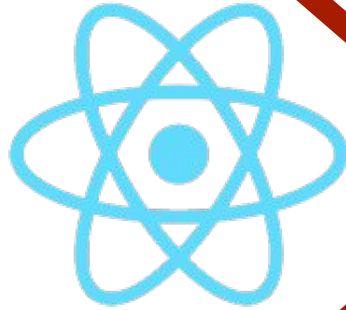
Java EE 8 (Revised Proposal, 2016)



Batch	Dependency Injection	JACC	JAXR	JSTL	Management
Bean Validation	Deployment	JASPIC	JMS	JTA	Servlet
CDI	EJB	JAX-RPC	JSF	JPA	Web Services
Common Annotations	EL	JAX-RS	JSON-P	JavaMail	Web Services Metadata
Concurrency EE	Interceptors	JAX-WS	JSP	Managed Beans	WebSocket
Connector	JSP Debugging	JAXB			
JSON-B	Security	Configuration	Health Check		

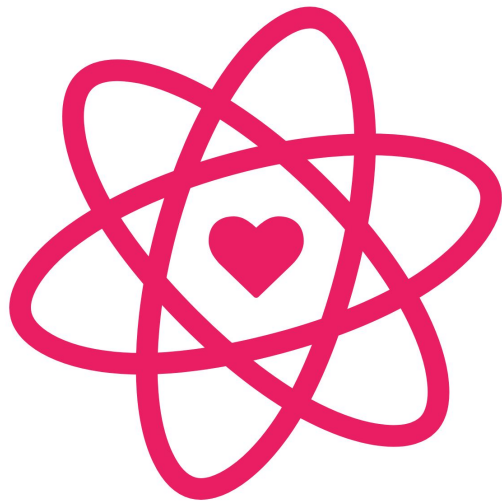
August, 29th: Facebook keeps
BSD+Patents licence

react banned from ASF projects



React

CREATE REACT APP



Install once

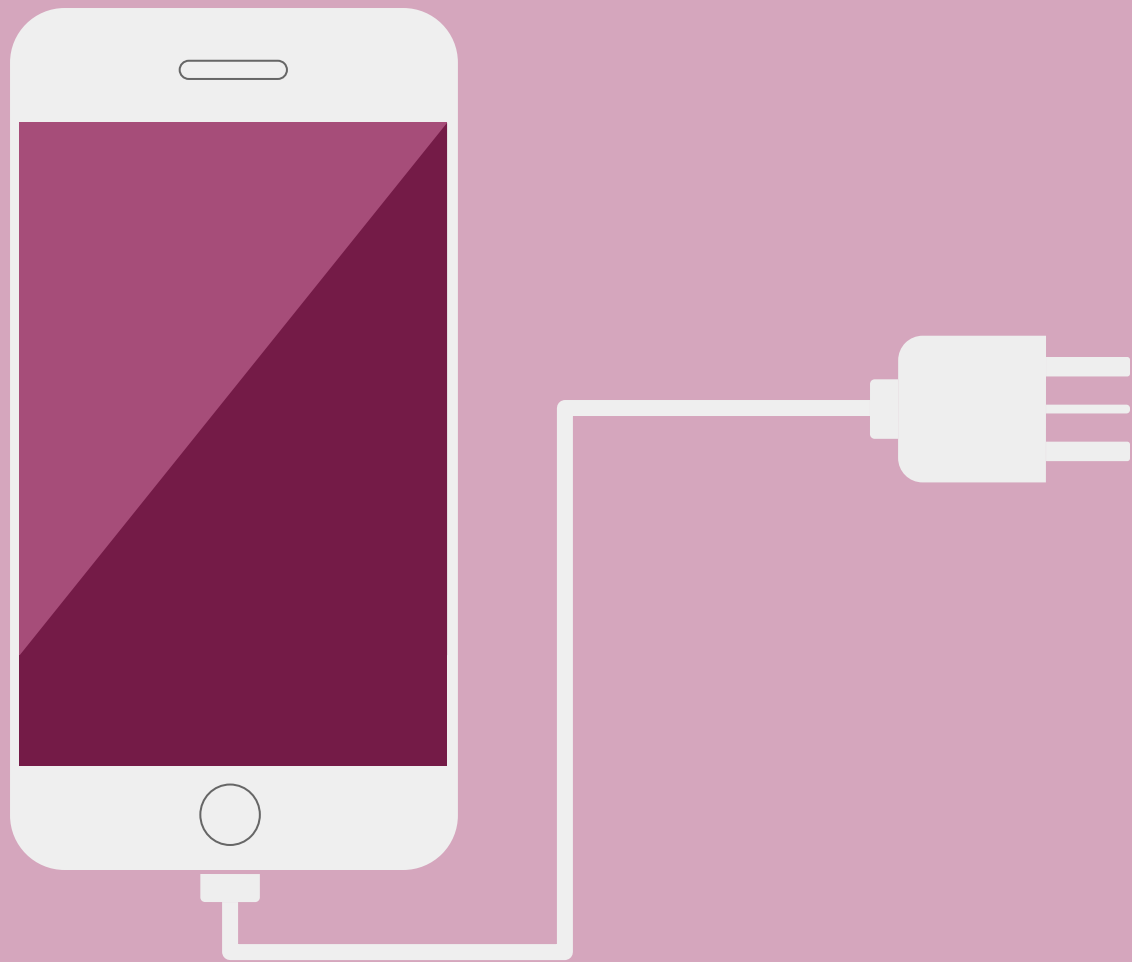
```
npm install -g create-react-app
```

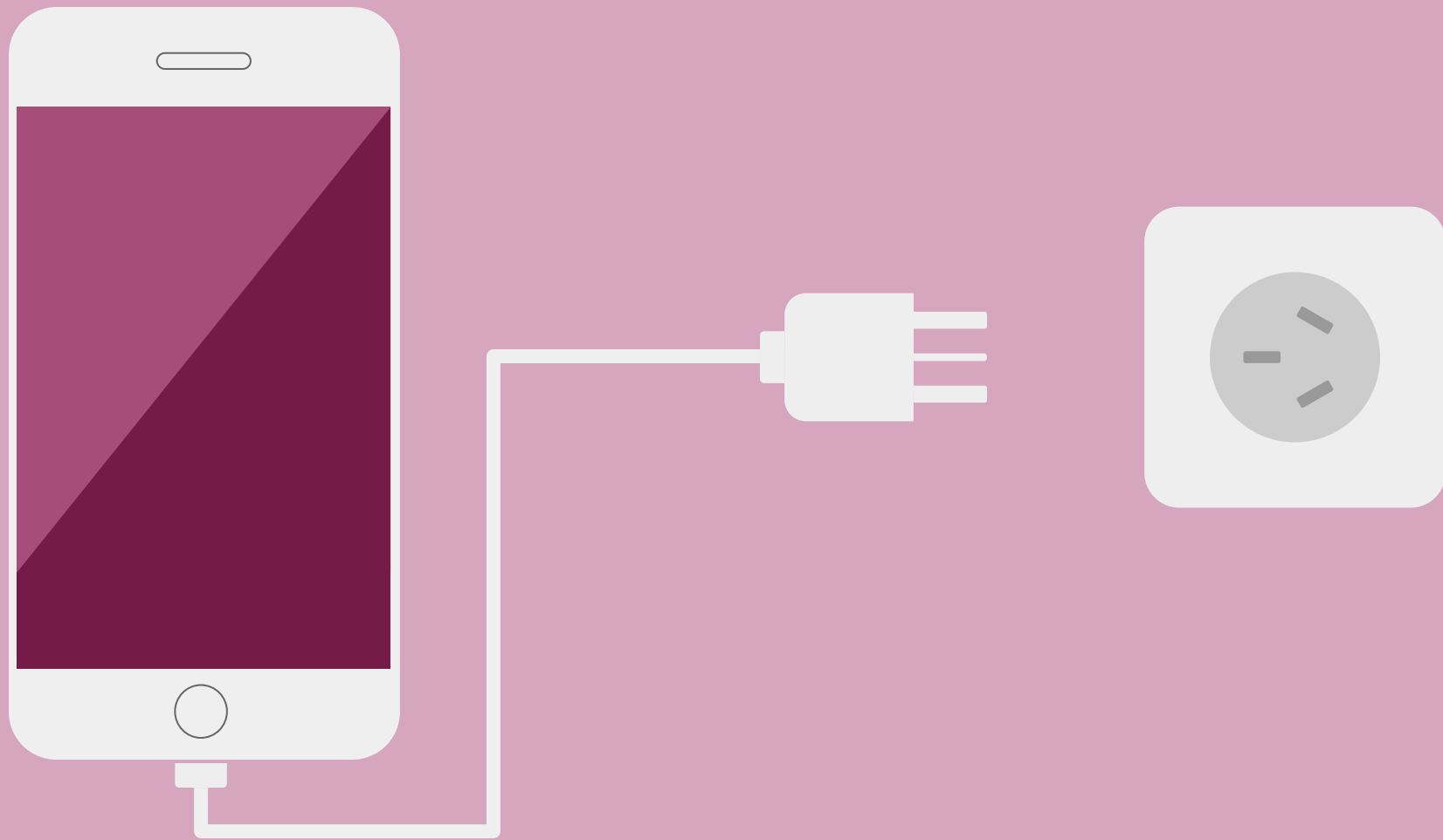
Create App

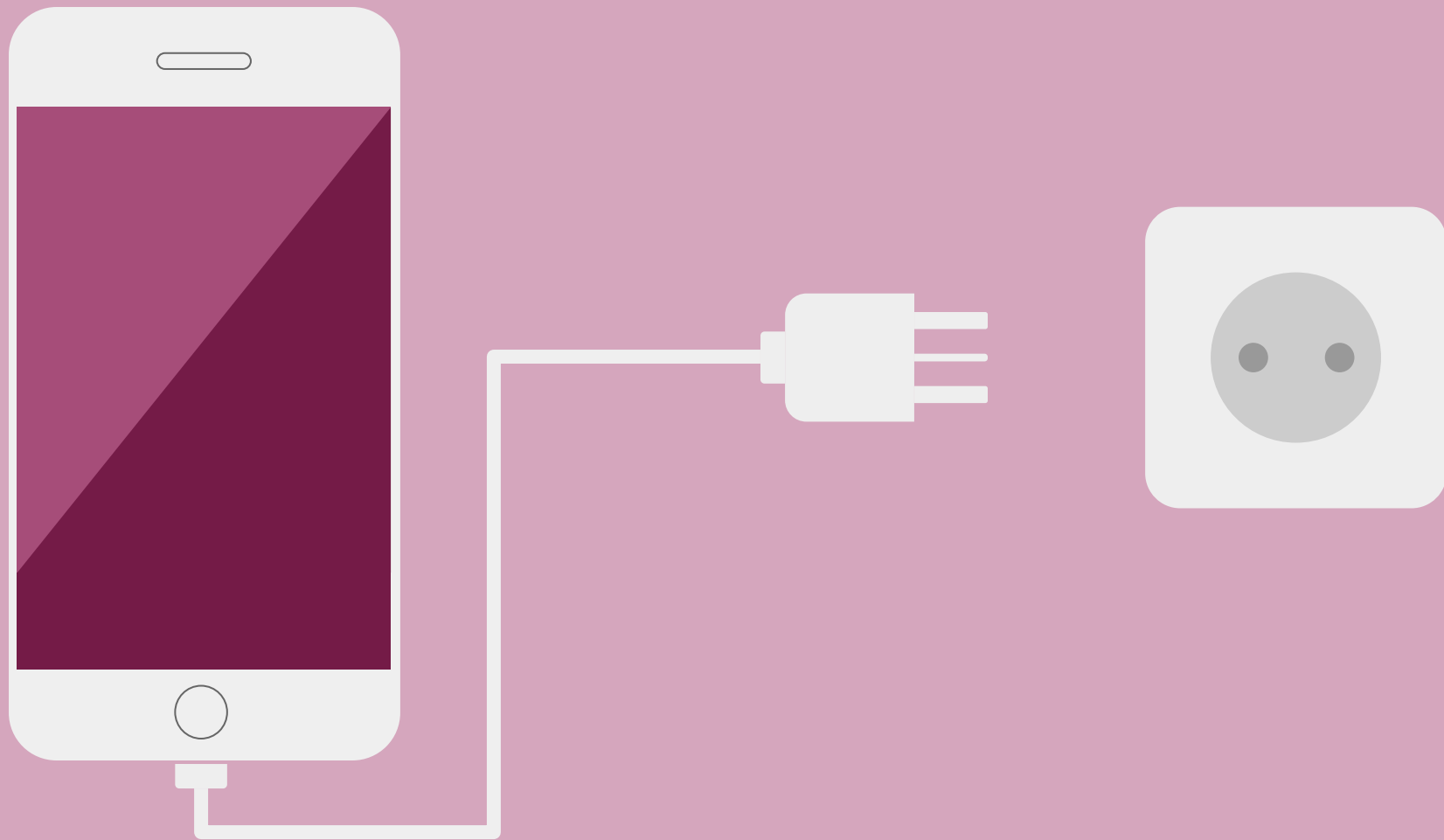
```
create-react-app my-app-name  
cd my-app-name
```

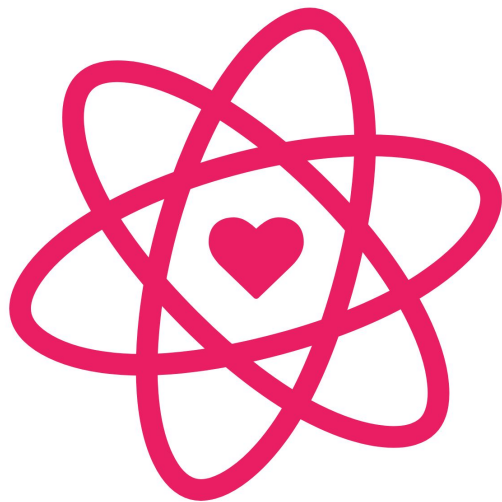
Start App

```
yarn start
```



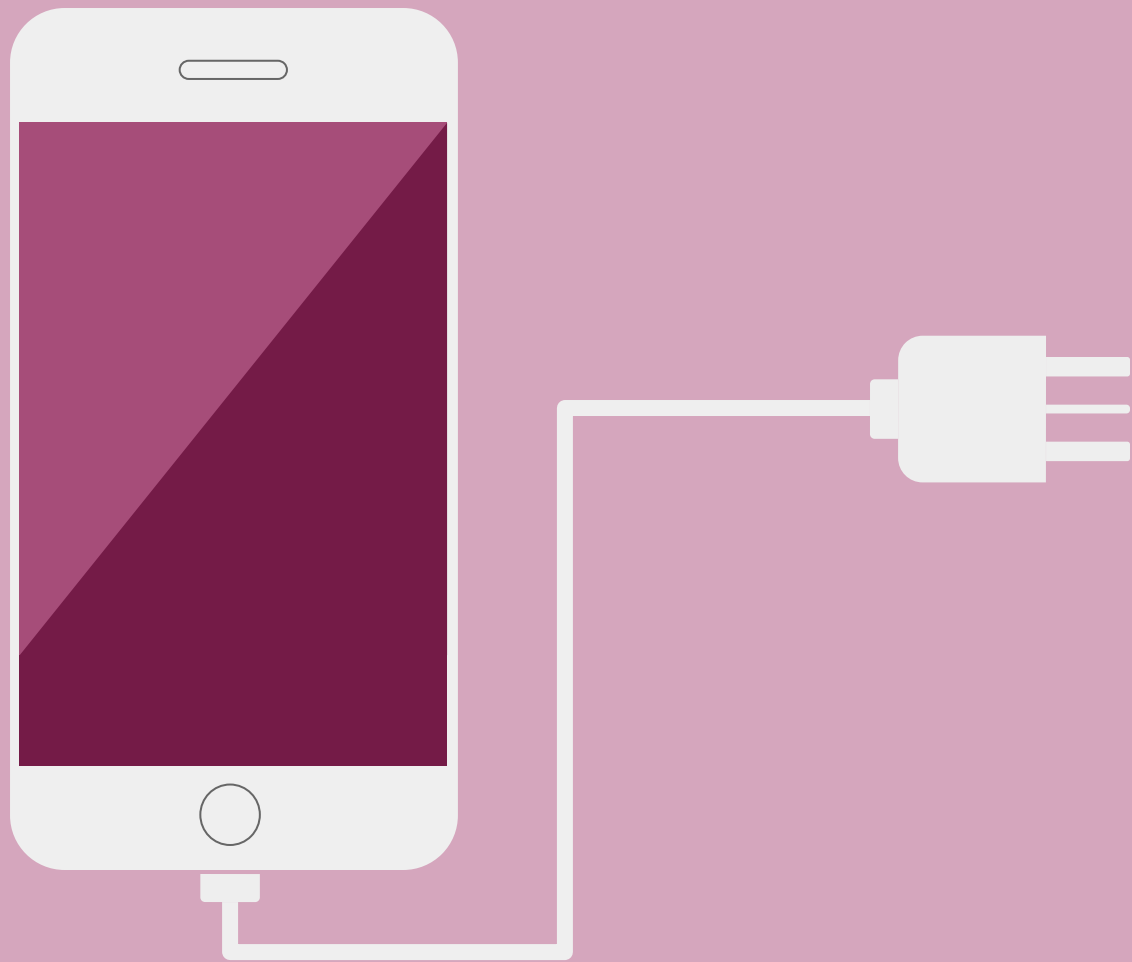


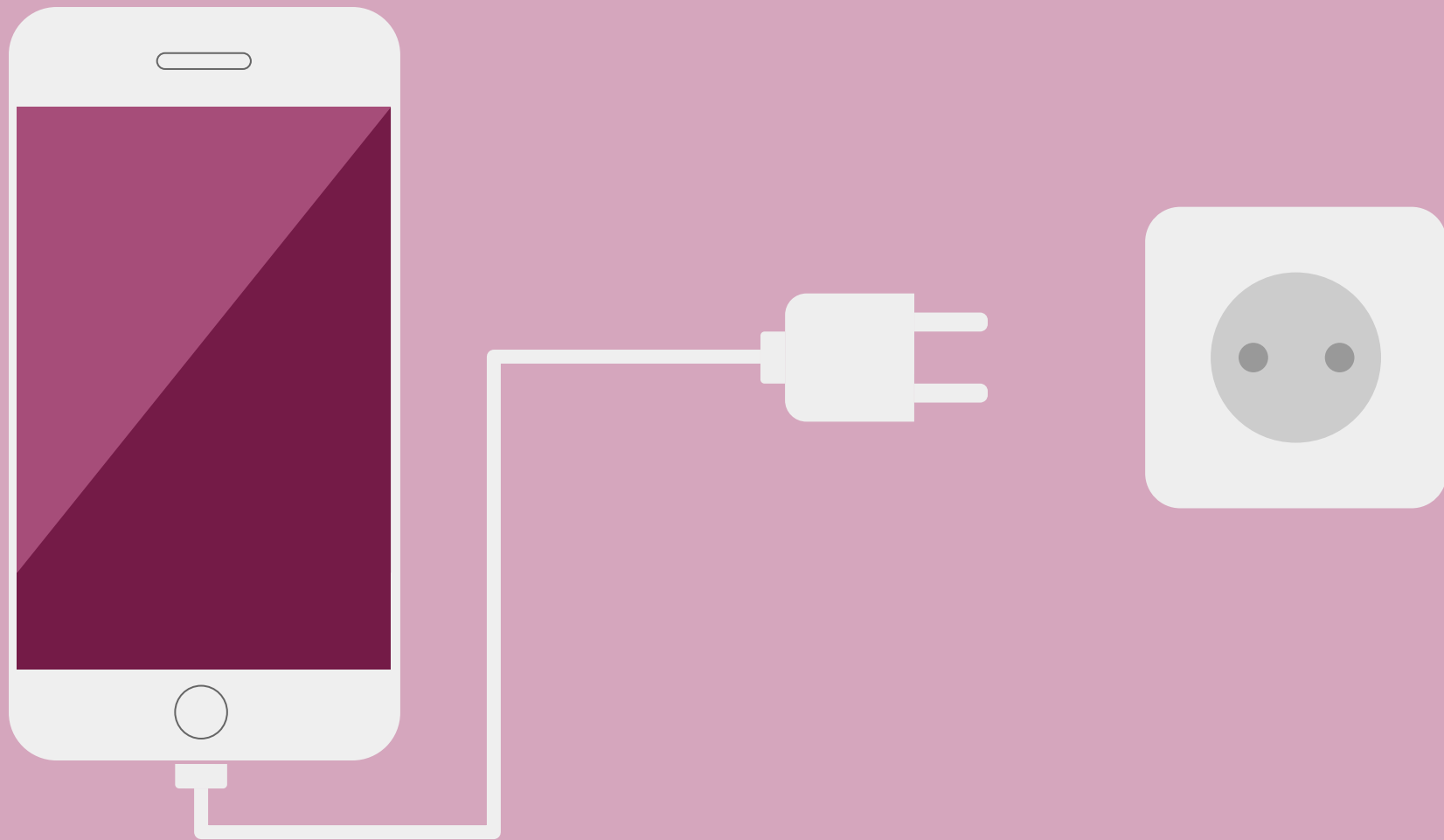


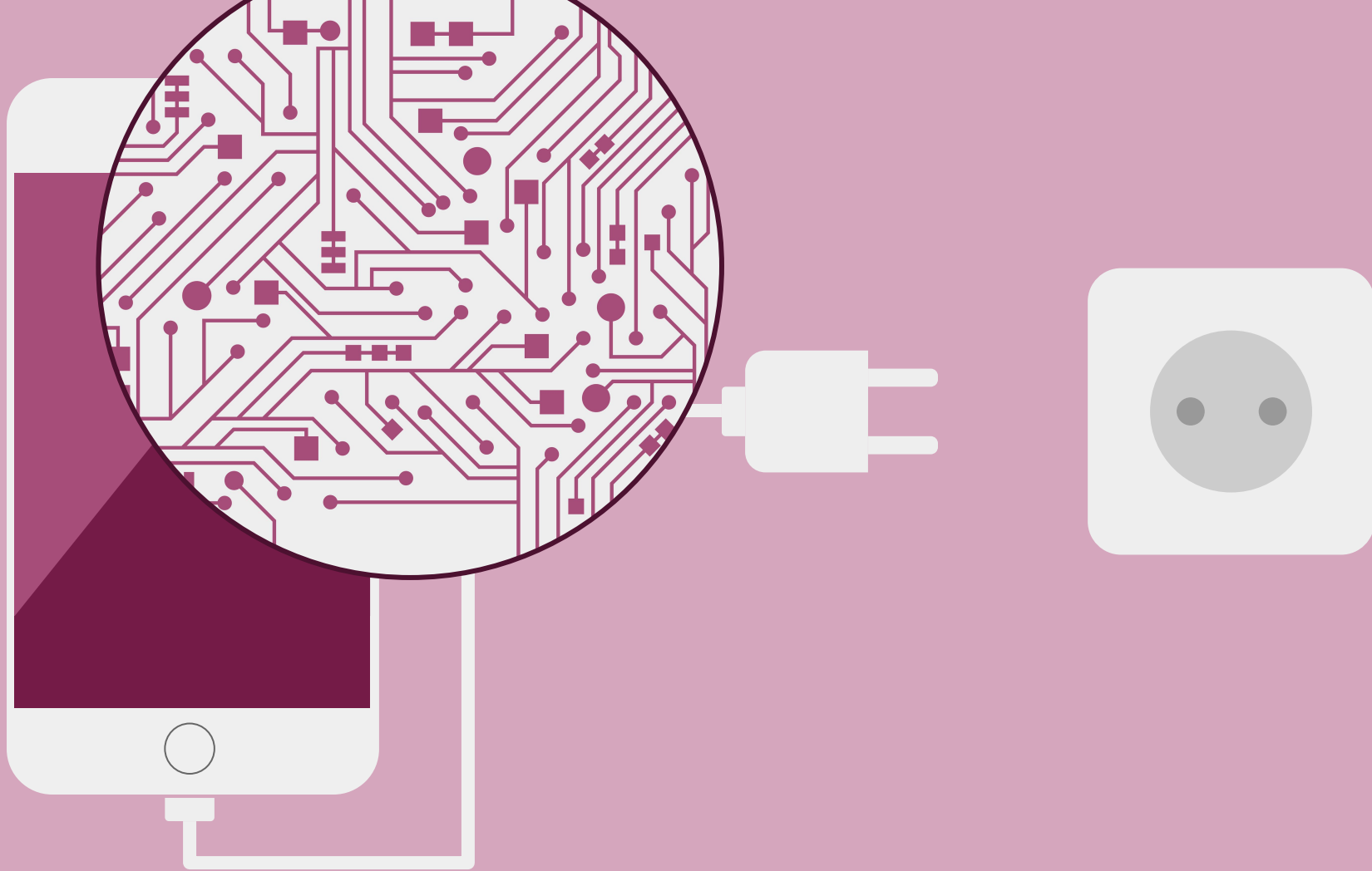


Eject

yarn eject

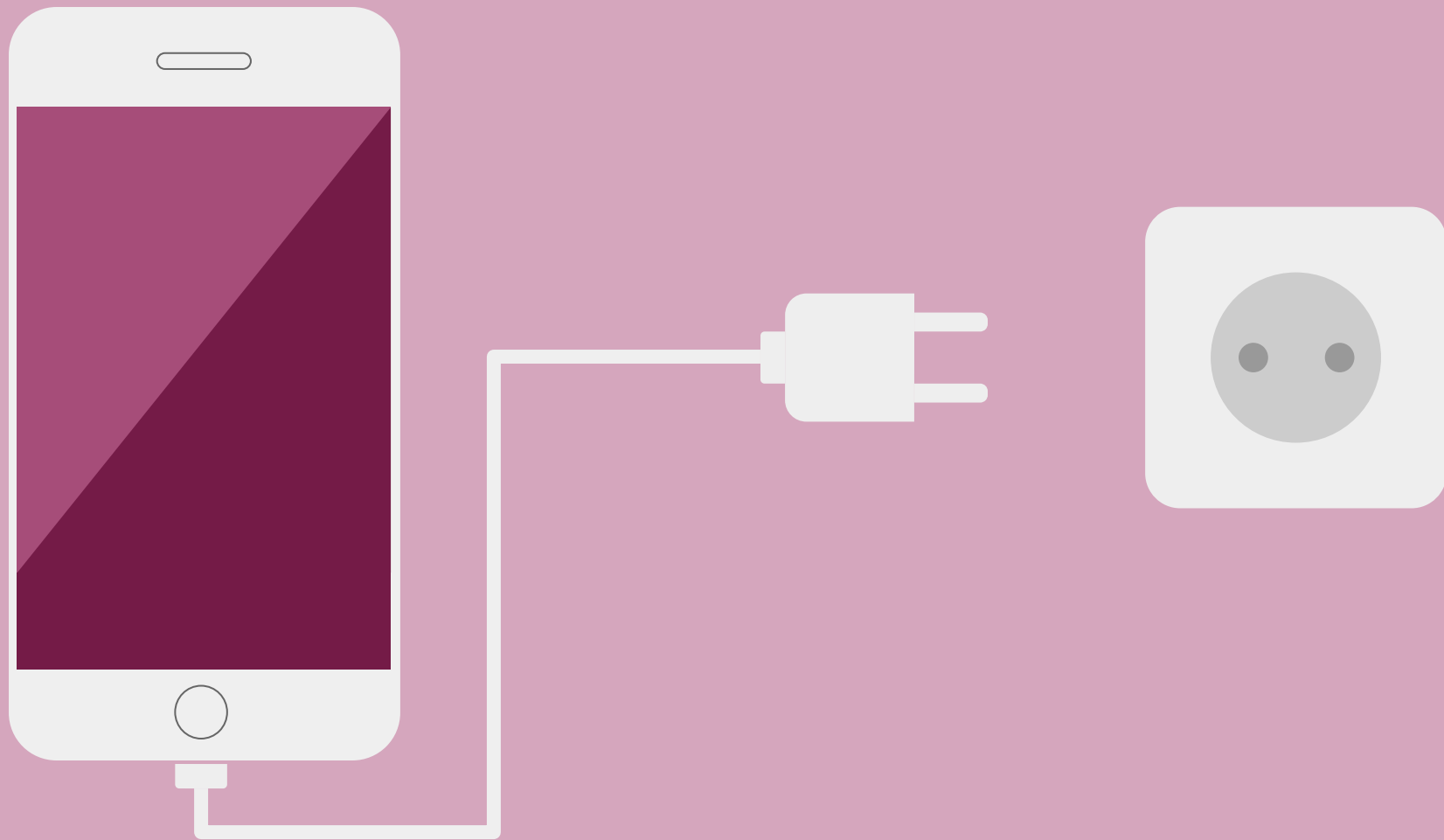


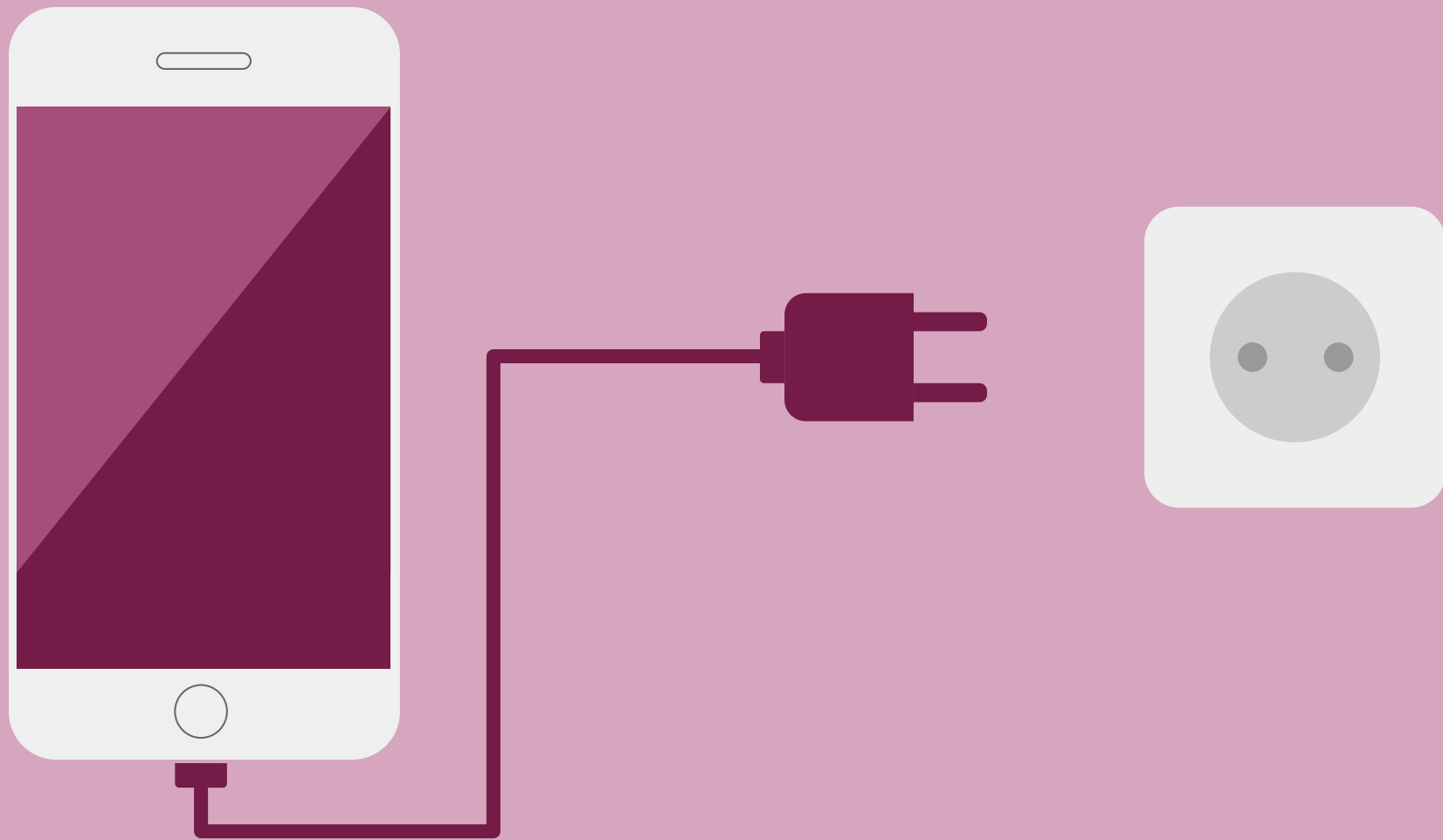




React Scripts

```
create-react-app my-app-name --script-version react-scripts-ts
```





Custom React Scripts

```
create-react-app my-app-name --scripts-version custom-react-scripts
```

Features

Decorators

babel-preset-stage-0

Less

Sass

CSS modules

Sass modules

Less modules

Stylus modules

Rewire Your App

```
create-react-app my-app-name  
yarn add react-app-rewired
```

config-overrides.js

```
module.exports = function override(config, env) {  
  //do stuff with the webpack config...  
  return config;  
};
```

package.json

```
- "start": "react-scripts start",  
+ "start": "react-app-rewired start",
```

Rewire Your App

```
create-react-app my-app-name  
yarn add react-app-rewired
```

config-overrides.js

```
module.exports = function override(config, env) {  
  //do stuff with the webpack config...  
  return config;  
};
```

package.json

```
- "start": "react-scripts start",  
+ "start": "react-app-rewired start --scripts-version react-scripts-ts",
```

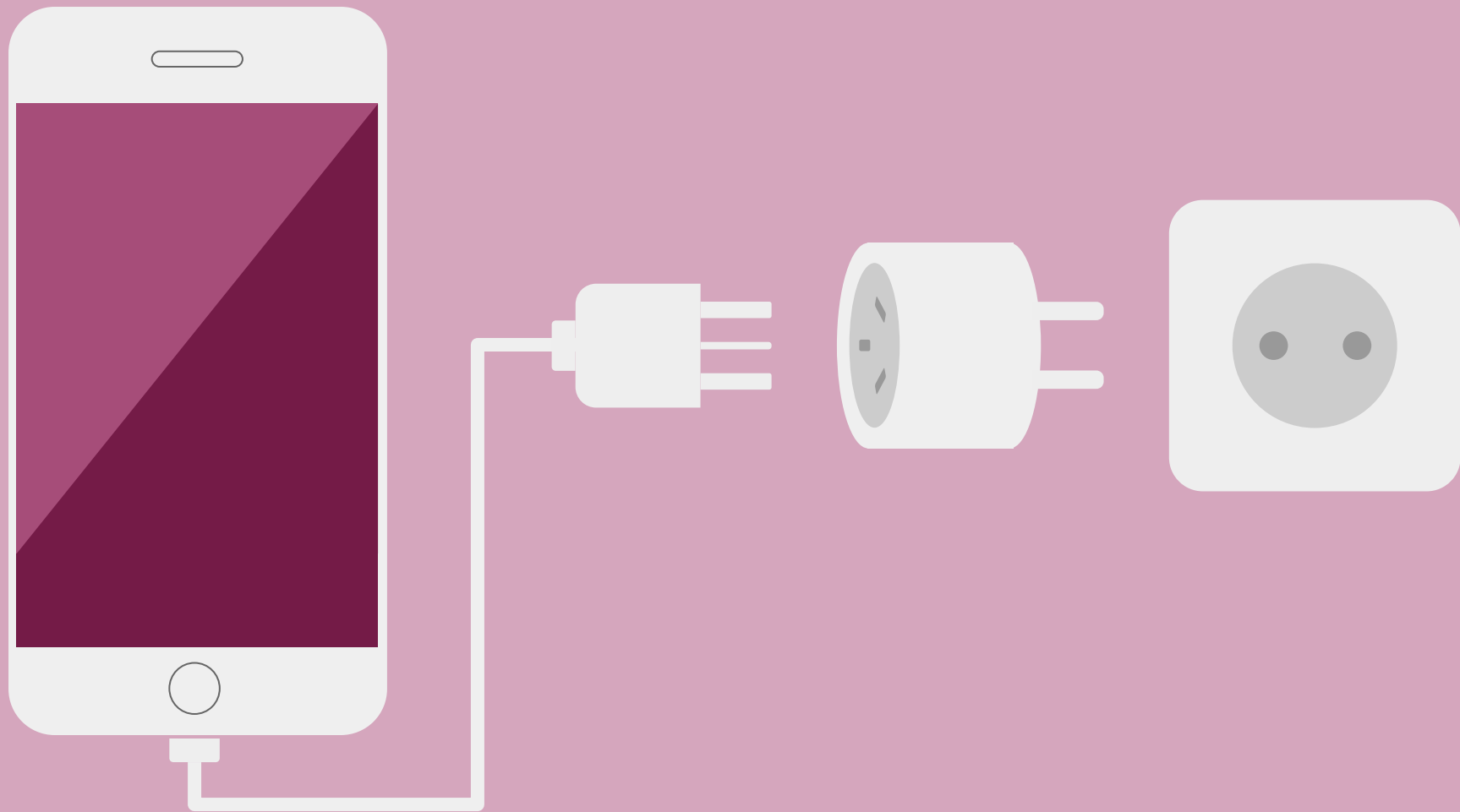
config-overrides.js

```
module.exports = function override(config, env) {

  config.module.rules.forEach((rule) => {
    if (String(rule.test) === String(/\.css$/)) {
      rule.test = /\.css|scss$/;
    }

    if (String(rule.loader).indexOf('/file-loader/') > 0) {
      rule.exclude.push(/\.scss$/);
    }
  });

  return config;
};
```



~~EJECT~~

IMMER LETZTER DONNERSTAG IM MONAT

Donnerstag 28. September, Lokomov - Melde dich bei [Meetup.com](https://www.meetup.com) an.
Teile deine Erfahrungen! Wer ist als nächstes dran?



<https://goo.gl/90dR7I>



<https://github.com/ChemnitzerWebDevs/slides>