WEB DEVELOPER
CHEMNITZ

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

http://bit.ly/2P6BhaF

http://bit.ly/2TWFQs7

http://bit.ly/2ReJnQy

AGENDA

19.00 Uhr	**Lars Wiedemann**	Frontend News
19.05 Uhr	**Daniel Schröder**	PHP News
19.15 Uhr	**Bettina Helgenlechner**	Addon to React Testing
19.25 Uhr	**Alexander Widera**	Java News

19.30 Uhr **Lars Wiedemann**
Clean Code

21.00 Uhr **Community** Networking
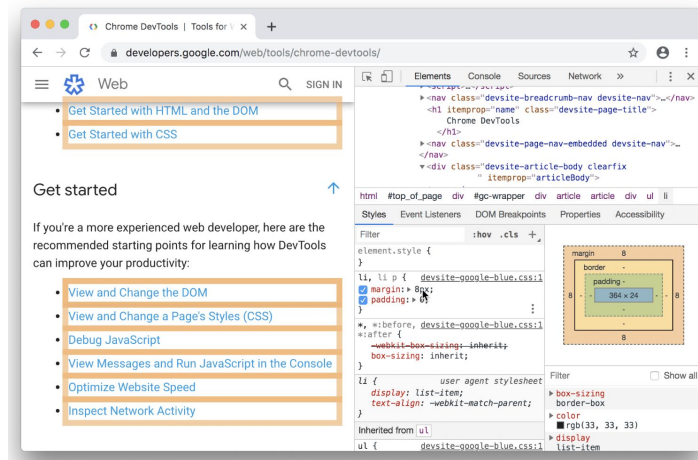
Frontend
NEWS

Firefox 66

- disable autoplay
- scrolling anchoring
- getDisplayMedia (Screensharing)
- getUserMedia (webcam access)
- CSS Grid
  - grid-template-rows
  - grid-template-columns

Chrome 73/74

- see all elements that are affected by a CSS property highlighted
- pwa support for all platforms
- Lighthouse v4
  - check button size

Constructable Stylesheets

- define shared css via Javascript
- apply css to
  - document
  - Shadow DOM

```javascript
const sheet = new CSSStyleSheet();

// replace all styles synchronously:
sheet.replaceSync('a { color: red; }');

// this throws an exception:
try {
  sheet.replaceSync('@import url("styles.css")');
} catch (err) {
  console.error(err); // imports are not allowed
}

// replace all styles, allowing external resources:
sheet.replace('@import url("styles.css")')
  .then(sheet => {
    console.log('Styles loaded successfully');
  })
  .catch(err => {
    console.error('Failed to load:', err);
  });
```

PHP
NEWS

Version 2.7

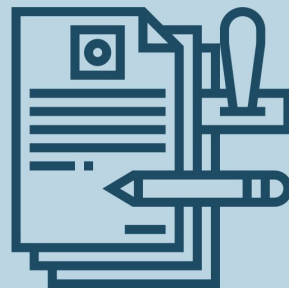# Xdebug

- long-awaited PHP 7.3 support

Version 5.8

Laravel

- PHP dotenv 3.0 support
- Carbon 2.0 support
- Cache TTL changes (minutes → seconds)
- deprecated String and Array helpers
- automatic Policy resolution

LARAVEL

5.8

```
Dotenv\Dotenv::create(__DIR__);
```

```
Cache::remember('active-posts', now()->addSeconds(30), function () {
    return Post::active()->get();
});
```

```
Arr::add($array, $key, $value);
```

Version 5.1

Wordpress

- Site health:
  - warnings about log-outdated PHP versions
  - prevents installing incompatible Plugins
- Editor performance improvements
- Multisite metadata
- Cron API updates

PHPUnit 7.4 + Xdebug 2.6 =

Faster Code Coverage

- **`--dump-xdebug-filter`** dumps filter which must be **`--prepend`** ed as early as possible in the test suite where the coverage report is being generated

PHPUnit 7.4 + Xdebug 2.6 =
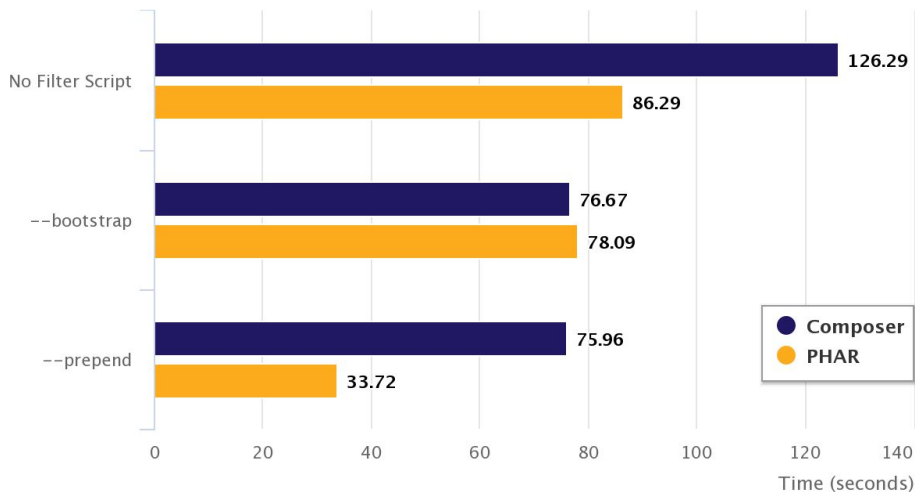
Faster Code Coverage

- **--dump-xdebug-filter** dumps filter which must be **--prepend** ed as early as possible in the test suite where the coverage report is being generated

Java
NEWS

Java 12

- JEP 189: Shenandoah: A Low-Pause-Time Garbage Collector (Experimental)
- JEP 230: Microbenchmark Suite
- JEP 325: Switch Expressions
- JEP 334: JVM Constants API
- JEP 340: One AArch64 Port, Not Two
- JEP 341: Default CDS Archives
- JEP 344: Abortable Mixed Collections for G1
- JEP 346: Promptly Return Unused Committed Memory from G1

Java 12

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- JEP 341: Default CDS Archives
- JEP 344: Abortable Mixed Collections for G1
- JEP 346: Promptly Return Unused Committed Memory from G1

```java
public String describeInt(int i) {
    String str = "not set";
    switch(i) {
        case 1:
        case 2:
            str = "one or two";
            break;
        case 3:
            str = "three";
            break;
    }
    return str;
}
```

```java
public String describeInt(int i) {
    String str = "not set";
    switch (i) {
        case 1, 2:
            str = "one or two";
            break;
        case 3:
            str = "three";
            break;
    }
    return str;
}
```

Java 12

- JEP 189: Shenandoah: A Low-Pause-Time Garbage Collector (Experimental)
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- JEP 344: Abortable Mixed Collections for G1
- JEP 346: Promptly Return Unused Committed Memory from G1

```java
public String describeInt(int i) {
   String str = "not set";
   switch (i) {
     case 1, 2 -> str = "one or two";
     case 3 -> {
       var i = complexComputation();
       str = "three" + i;
     }
   }
   return str;
}
```

```java
public static String describeInt(int i) {
   return switch (i) {
     case 1, 2 -> "one or two";
     case 3 -> "three";
     default -> "smaller than one or more than three";
   };
}
```
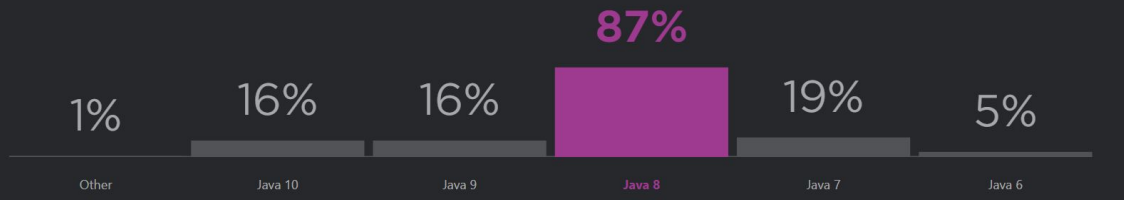
Java Learning Topics 2018

- Jetbrains poll

92%
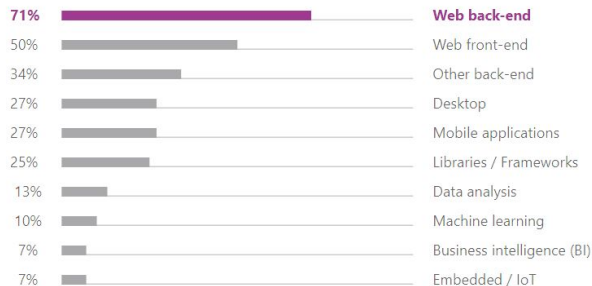of Java developers use an IDE as their most frequently used development tool.

Which version(s) of Java do you regularly use? ℹ
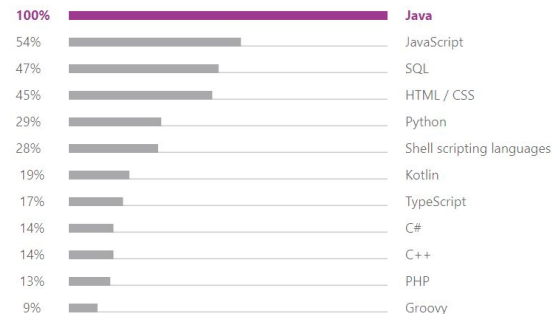Number of answers: 1329

Other	Java 10	Java 9	Java 8	Java 7	Java 6
1%	16%	16%	**87%**	19%	5%

What type(s) of applications do you develop? ℹ
Number of answers: 1361

71%	Web back-end
50%	Web front-end
34%	Other back-end
27%	Desktop
27%	Mobile applications
25%	Libraries / Frameworks
13%	Data analysis
10%	Machine learning
7%	Business intelligence (BI)
7%	Embedded / IoT

What programming language(s) do you regularly use?
Number of answers: 1361

100%	Java
54%	JavaScript
47%	SQL
45%	HTML / CSS
29%	Python
28%	Shell scripting languages
19%	Kotlin
17%	TypeScript
14%	C#
14%	C++
13%	PHP
9%	Groovy

AGENDA

Lars Wiedemann
Clean Code

IMMER
LETZTER
DONNERSTAG
IM MONAT

Donnerstag, 17. April 2019, Lokomov - Melde dich bei Meetup.com an.
Teile deine Erfahrungen! Wer ist als nächstes dran?

https://bit.ly/2TPUkdf

https://github.com/ChemnitzerWebDevs/slides

https://bit.ly/2Odbsam

https://github.com/ChemnitzerWebDevs/slides/issues