WEB DEVELOPER
CHEMNITZ

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

AGENDA

19.00 Uhr	**Ramon Anger** Java News
19.05 Uhr	**Lars Wiedemann** Frontend News
19.15 Uhr	**Daniel Schröder** PHP News
19.20 Uhr	**Daniel Schröder** PHP 7
20.10 Uhr	**Ronny Hartenstein** Feature-Tests in PHP
20.30 Uhr	**Frank Strieter** I am programmer, I have no life
21.00 Uhr	**Community** Networking

Java
NEWS

Java 10 is out

- Not Java 2018.3
- Parallel full garbage collection (G1)
- Docker awareness: JVM knows whether it's running in container
- New API for creation of unmodifiable collections (e.g. Set.copyOf())
- Bytecode Generation change for enhanced for loop
- LTS-Version in September (Java 11)

```java
List<String> data = new ArrayList<>();
for (String b : data) {
    // do something
};
// becomes
{
    Iterator it = data.iterator();
    String b = null;
    for (; it.hasNext(); ) {
        b = (String)it.next();
        // do something
    }
    b = null;
    it = null;
}
```

~~Java~~ Jakarta EE

- New name for Java EE has been voted
- Also Glassfish → Eclipse Glassfish
- Java Community Process (JCP) → Jakarta EE Working Group
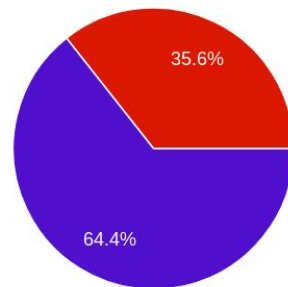- Eclipse Enterprise for Java (EE4J) ?

JAKARTA EE

6,959 responses

SUMMARY | INDIVIDUAL

Which brand name do you prefer

6,959 responses

- Jakarta EE
- Enterprise Profile
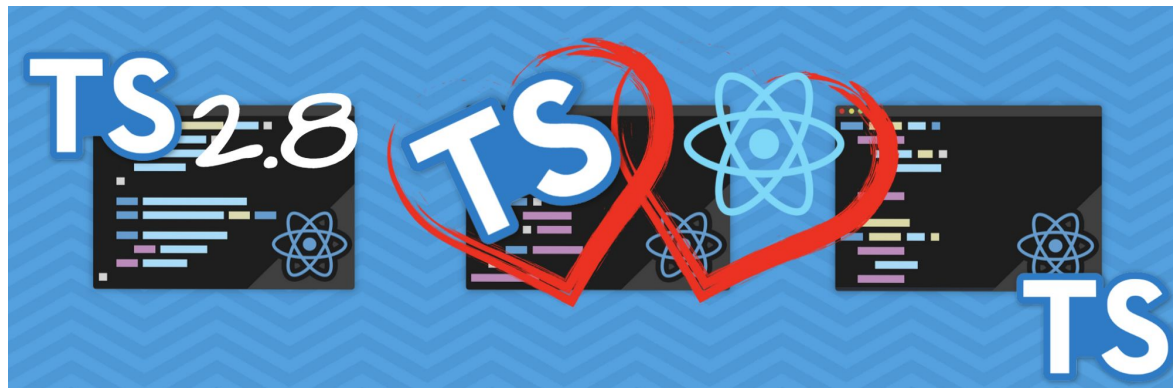
35.6%

64.4%

IntelliJ 2018.1 released

- Identification of code smells
  - redundant close()
  - infinite stream detection
  - idempotent body detection
  - …
- JUnit 5 tag support
- Copy constructor with missing fields detection

Frontend
NEWS

Safari 11.1

- Service Worker
- Payment Request API for Apple
- resolving JSX Factories

Angular 6.0.0-rc.2

- Stable Release **04.04.2018**
- rxjs update to version 6 ([upgrade Guid](#))
- typescript 2.6 support
- breaking changes
  - templates not supported
  - animations @angular/animations
  - tslib >= 1.9.0
- Features
  - Ivy Renderer (Flag: enableIvy)
  - ng update (angular-cli)
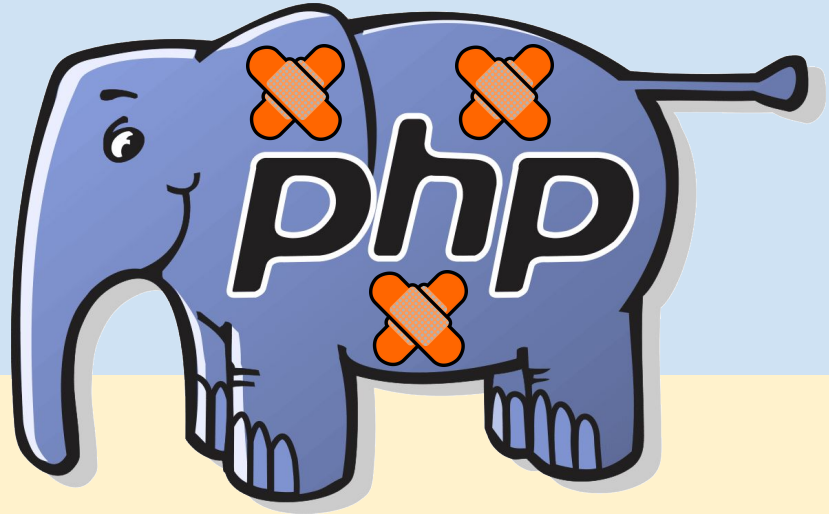 - features from angular/elements included

PHP
NEWS

Bugfix Releases

PHP 5.6 - 7.2

- Security releases for all maintained versions
- All users are encouraged to upgrade their PHP versions

Version 8.5.0

Drupal

- Media in core improved and available to all site builders
- Settings Tray and Content Moderation now stable
- New experimental Layout Builder module
- Big steps for migrations
- BigPipe by default
- Groundwork for a Drupal 8 "Out of the Box" demo
- PHP 7.2 now supported

Version 3.0.0

Zend Expressive 3

- Full support for PSR-15 and drops direct support for the "double-pass" middleware style
- zend-expressive-session provides session abstraction and middleware
- zend-expressive-flash provides flash message support
- zend-expressive-csrf provides Cross Site Request Forgery protection
- zend-problem-details provides Problem Details responses for APIs
- zend-expressive-hal provides tools for building HAL response payloads for APIs

Expressive 3!

2018-03-16 | By: Matthew Weier O'Phinney

Yesterday, we tagged and released Expressive 3!

Expressive 3 provides a middleware microframework.

Create a new Expressive application using Composer:

```
$ composer create-project zendframework/zend-expressive-skeleton
```

The installer will prompt you for your choice of:

- Initial application architecture (minimal, flat, modular)
- Which dependency injection container you would like to use.
- Which routing library you would like to use.
- Which templating library you would like to use, if any.
- Which error handling library you would like to use, if any.

From there, it creates a new project for you, and allows you to get started developing immediately.

Version 3.0.0

Php Inspections
(EA Extended)

- Static code analyzer
- Reworked types resolving subsystem
- Fixed and improved patterns
- New patterns

https://plugins.jetbrains.com/plugin/7622-php-inspections-ea-extended-/update/44413

▶	**Architecture** 802 warnings 83 weak warnings
▶	**Assignment issues** 1 warning
▶	**Bitwise operation issues** 2 warnings
▶	**Code quality tools** 183 errors
▶	**Code Smell** 263 warnings
▶	**Code Style** 192 warnings 4365 weak warnings
▶	**Code style issues** 116 warnings 14 weak warnings
▶	**Compatibility** 72 warnings
▶	**Confusing constructs** 29 warnings 7 weak warnings
▶	**Control Flow** 2104 warnings 436 weak warnings
▶	**Control flow issues** 42 warnings
▶	**CSS** 2757 warnings 269 weak warnings
▶	**Data flow issues** 132 warnings
▶	**Error handling** 756 warnings
▶	**General** 2969 errors 1388 warnings 704 weak warnings
▶	**HTML** 1788 warnings
▶	**Internationalization issues** 1 warning
▶	**Invalid elements** 186 errors 43 warnings
▶	**JavaScript validity issues** 33 warnings
▶	**Language level migration** 15 errors 802 warnings 3549 weak warnings
▶	**Node.js** 103 weak warnings
▶	**Performance** 63 errors 731 warnings 72 weak warnings
▶	**PHPDoc** 559 weak warnings
▶	**Potentially confusing code constructs** 260 warnings
▶	**Probable bugs** 220 errors 1270 warnings 3 weak warnings
▶	**RegExp** 189 warnings
▶	**Security** 37 errors 5 warnings
▶	**Spelling** 63810 typos
▶	**Type compatibility** 4601 warnings 779 weak warnings
▶	**Undefined** 1272 warnings
▶	**Unused** 567 warnings 82 weak warnings
▶	**XML** 44 errors 96 warnings

9: Version Control   Terminal   Docker   Inspection Results   6: TODO

WordPress Support: Looks like it's WordPress plugin. // Enable support Do not ask again (6 minutes ago)

2: Favorites

Version 2018.1

PhpStorm

- Inline function/method refactoring
- Refactor code to functional style
- Configurable unchecked exceptions
- Creating class from test
- Codeception: code coverage
- Improved HTTP Client and Database Tools
- Web Technologies Support
- Partial commits in Git

IMMER
LETZTER
DONNERSTAG
IM MONAT

Donnerstag 26. April, Lokomov - Melde dich bei Meetup.com an.
Teile deine Erfahrungen! Wer ist als nächstes dran?

goo.gl/F7yd6v

https://www.meetup.com/de-DE/Web-Developer-Chemnitz/polls/1263552/

weitere Termine: Do 26. April, Do 31. Mai

https://github.com/ChemnitzerWebDevs/slides