




Stress free debugging Laravel applications with Debugger



Who am I and Why should you care?

- Full-stack developer for past 7 years
- Web development instructor 
- YouTube tutorial creator  Benxlabs
- Co-founder of openpledge.io 



Open Pledge

Co-founder, CTO, Husband, Full-stack developer, Dipl. inž. rač. in inf. Žiga Benko

Bugs, bugs, bugs and more bugs



```
public function signup()  
if($_POST && $_POST['password'])  
if($_POST['password'] ==  
$username = $_POST['username']  
$password = $_POST['password']  
$query = "SELECT * FROM users WHERE username = '$username' AND password = '$password'"  
$res = $this->db->query($query)  
$row = $res->fetch_row()
```

Loggers - Every developers first ❤️

- Great for learning
- Great for production
- Not so great when pushed to master
- Not so great for clean code



```
console.log('Is this working?')  
print('Inside IF')
```

```
logger('Where am I')
```

```
console.writeLine('This is Dog')
```

```
dump('FML')
```

```
Log::info('Access token test : TVF87zGw7Pd2gVeKHtdk870cLMH474wUDeV')  
console.log('DB credentials: u:gh123 pw:akdf23faf;')
```

Debugger introduction 🤝

- Stop code execution
- Step and debug line by line
- Review variable values in certain state

Break point →

```
20 public function index(Request $request)
21 {
22     $this->authorize(ability: 'viewAny', arguments: Item::class);
23
24     $limit = $request->has(key: 'limit') ? $request->limit : 10;
25 }
```

Controls →

Active debugging session ←

Variables in scope →

Frames →

The screenshot shows the Visual Studio Code interface with a PHP file open. A break point is set on line 22. The 'Debug' window is active, showing the current execution state. The 'Variables' pane displays the current scope with variables like \$this, \$request, \$_GET, \$_COOKIE, \$_ENV, \$_REQUEST, and \$_SERVER. The 'Frames' pane shows the call stack with the current frame highlighted.

DEMO TIME!



Why debugger? We have AI!

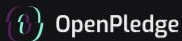
Debugging with AI



Debugging with Debugger



openpledge.io



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Paste URL



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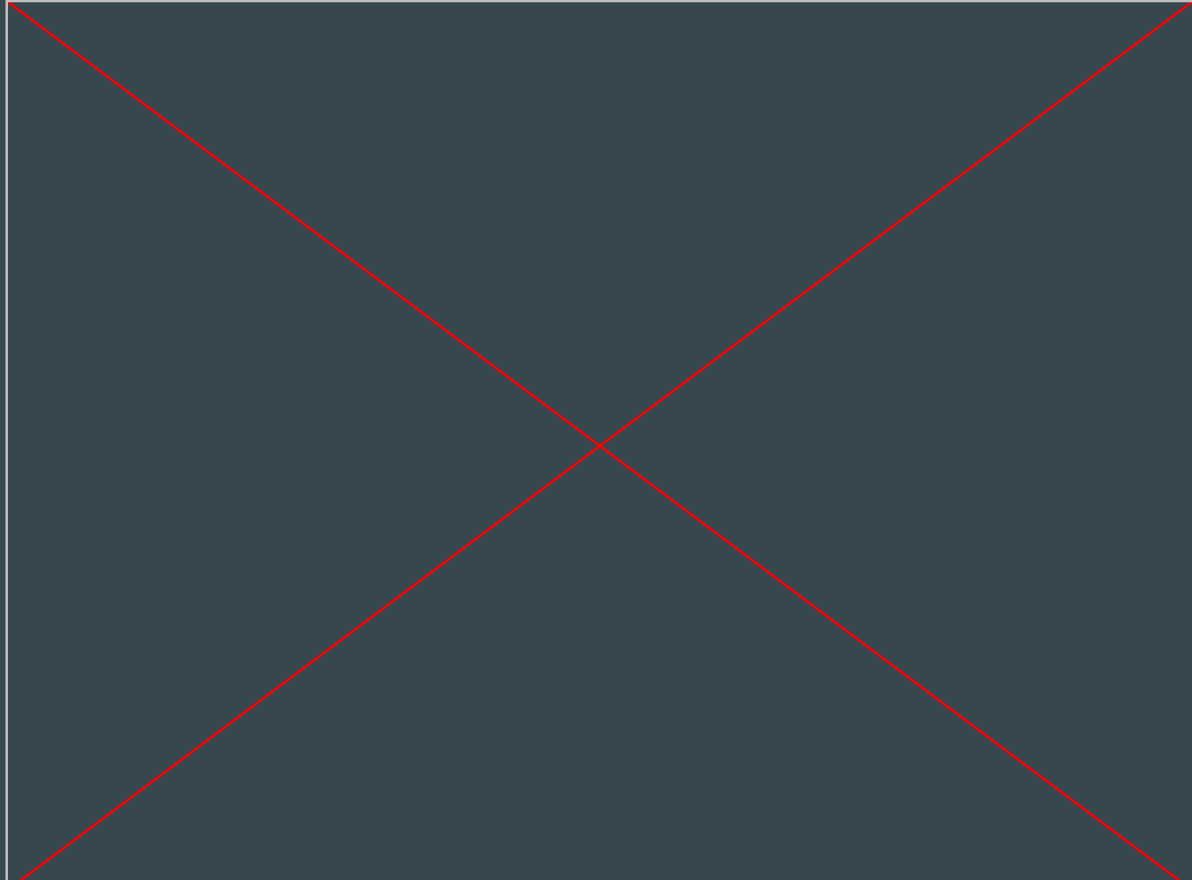


Keftlwe

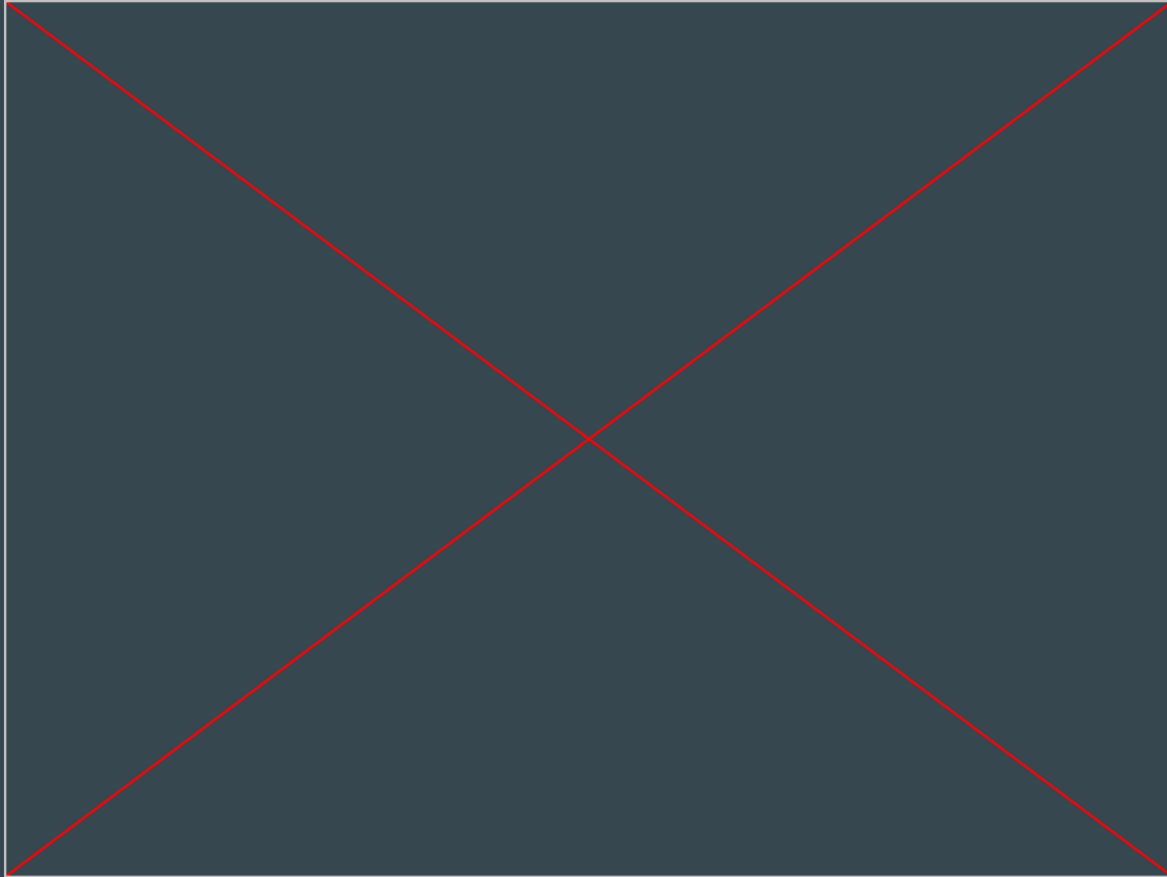
Provide Feedback

Some other cool features 🕶️

Conditional breakpoints




Watchers



Exception breakpoints

```
2  
3 < try {  
4     throw new Exception("This is bad...");  
5 } catch (Throwable $e) {  
6     echo $e->getMessage();  
}
```

Debug  exceptionBreakpoints.php

Variables

Console



Exception = {Exception}

message = "This is bad..."

\$_SERVER = {array[26]}



Ok, I am sold. How do I start?



It depends...

Which dev environment you have



VAGRANT







kubernetes




XAMPP



 main 1 Branch 0 Tags t Add file Code

 zigcBenx v0.1	c38cef5 · yesterday	 4 Commits
 environments/docker	v0.1	yesterday
 README.md	v0.1	yesterday

 **README**  

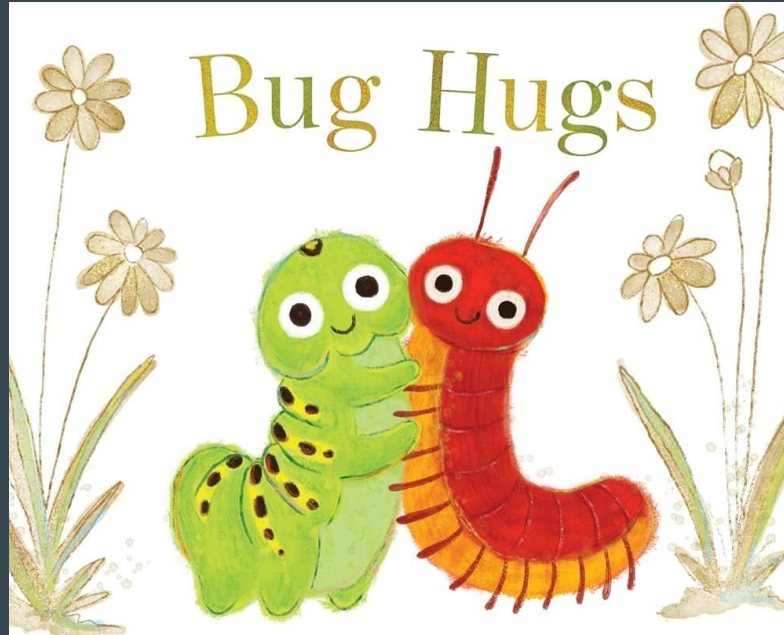
XDEBUG EASY SETUP

Get Xdebug running without losing your sanity. (No Phd required.)

TLDR

- Use loggers safely
- Invest your time in setting up debugger
- Contribute to setup instructions repository
- Become early adopter in openpledge.io

That's all folks! 🙌



Let's connect!



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Žiga Benko
zigBenx

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CLI tool for faster managing issues and merge requests on gitlab
Python 3 2
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This app was made for employment purpose only.
Vue 1
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Personal Linux hints and howtos
1
- Python-SQLite** (Public)
This is repository of python projects that I am posting on youtube.
Python 2 4
- worlds-hardest-game** (Public)
World's hardest game with python and pygame - youtube tutorial
Python 1
- xdebug-easy-setup** (Public)
Instructions for setting up xdebug in different dev environments