

TUGAS PEMROGRAMAN WEB 2



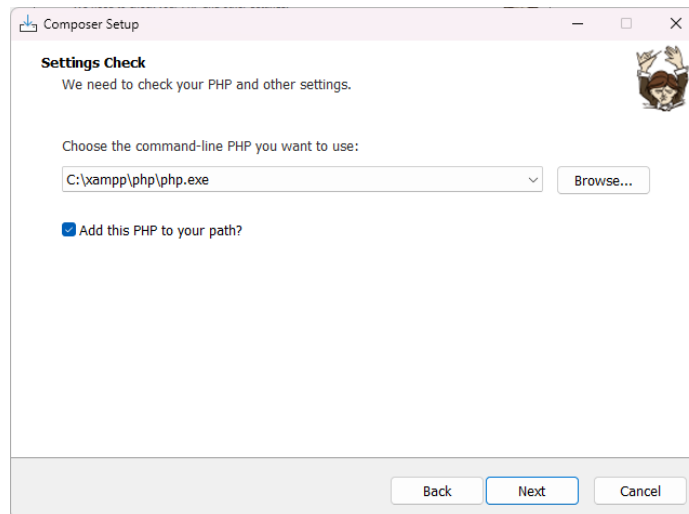
Proses Instalasi dan Konfigurasi CodeIgniter 4 di Windows

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UNIPDU JOMBANG

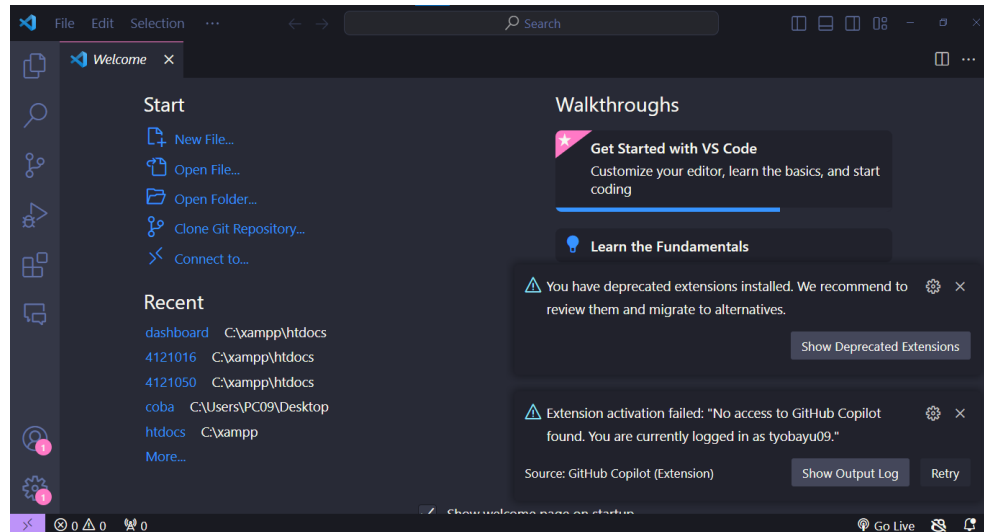
1. Pertama, siapkan bahan yang dibutuhkan
 - a. Unduh xampp di:
<https://sourceforge.net/projects/xampp/files/XAMPP%20Windows/8.2.12/xampp-windows-x64-8.2.12-0-VS16-installer.exe/download>. Setelah itu lakukan instalasi.
 - b. Unduh VS Code di:
<https://code.visualstudio.com/sha/download?build=stable&os=win32-x64-user>. Setelah itu lakukan instalasi.
 - c. Unduh Composer di: <https://getcomposer.org/Composer-Setup.exe>. Lakukan Instalasi -> Pilih Direktori PHP yang sudah terinstall pada saat melakukan instalasi.



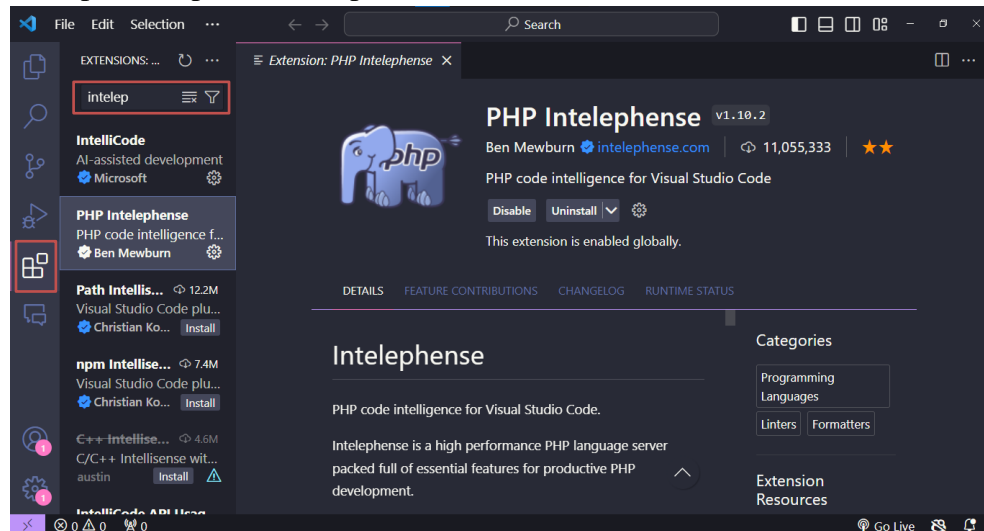
- d. Unduh Git Bash di: <https://github.com/git-for-windows/git/releases/download/v2.44.0.windows.1/Git-2.44.0-64-bit.exe>. Setelah itu lakukan instalasi.

2. Konfigurasi Visual Studio Code

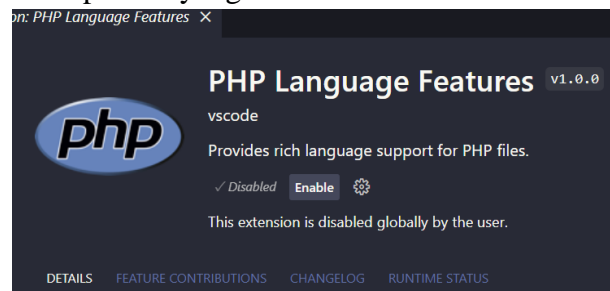
a. Buka VS Code



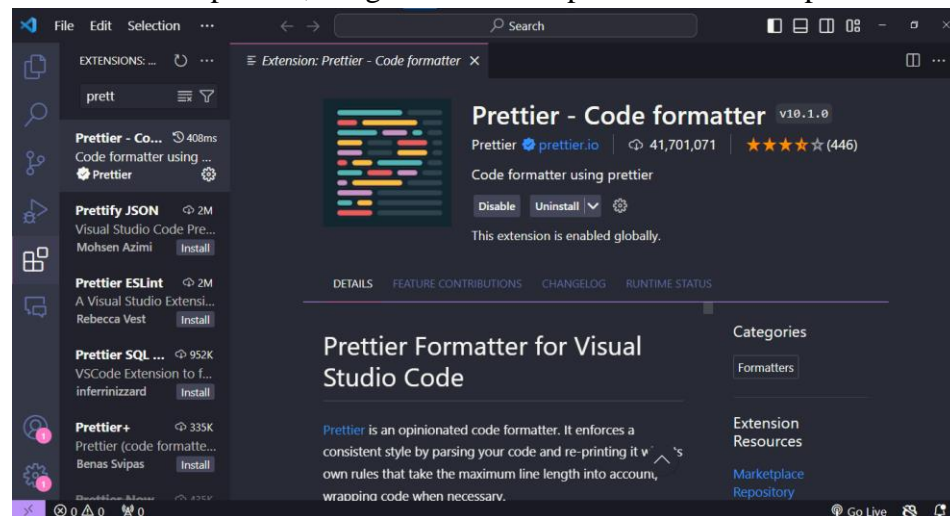
b. Install ekstensi PHP intelephense dengan cara klik ikon extension lalu cari “php intelephense” pada kolom pencarian



- c. Masih di menu extension. Disable PHP Language Feature, dengan cara ketik “@builtin php” di kolom pencarian agar tidak bentrok dengan ekstensi PHP intelephense yang sudah kita install tadi.



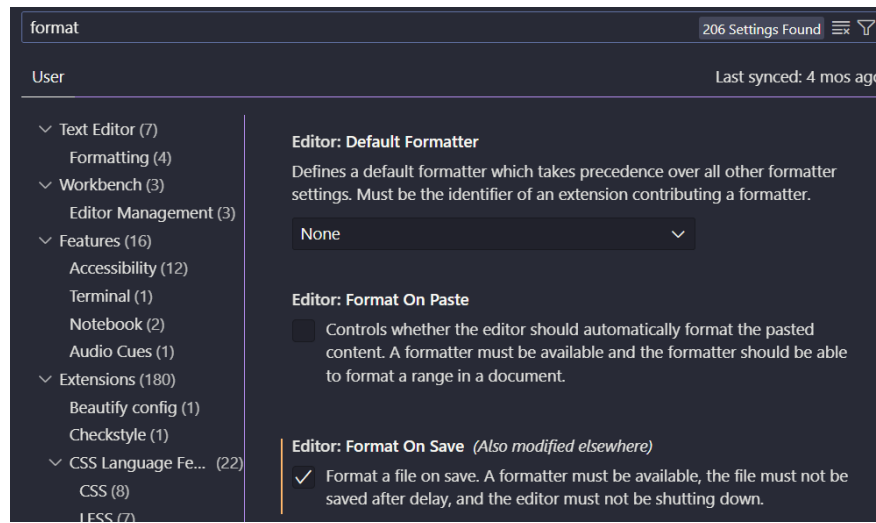
- d. Install ekstensi prettier, dengan cara ketik “prettier” di kolom pencarian



- e. Install ekstensi snippet, dengan cara ketik “snippet” di kolom pencarian

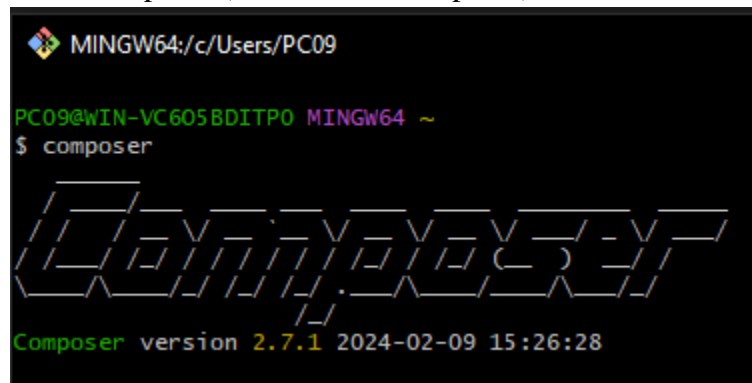


- f. Setting VS Code: File > Preference > Setting . Ketik Format > Centang Format On Save

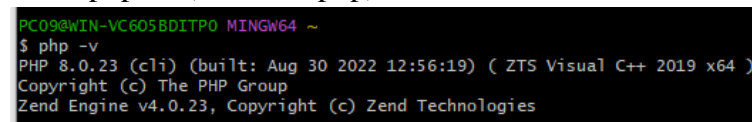


3. Cek hasil instalasi:

- a. Buka git bash
- b. Ketik composer (cek instalasi composer)



- c. Ketik php -v (cek versi php)



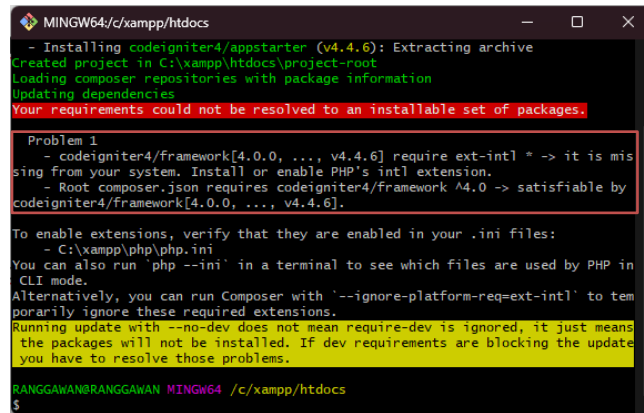
4. Instalasi CodeIgniter 4

- a. Buka folder xampp/htdocs
- b. Klik kanan > Klik Git Bash here

composer create-project codeigniter4/appstarter project-root --no-dev

- c.

Jika muncul error seperti dibawah ini:



```
MINGW64/c/xampp/htdocs
- Installing codeigniter4/appstarter (v4.4.6): Extracting archive
Created project in C:\xampp\htdocs\project-root
Loading composer repositories with package information
Updating dependencies
Your requirements could not be resolved to an installable set of packages.

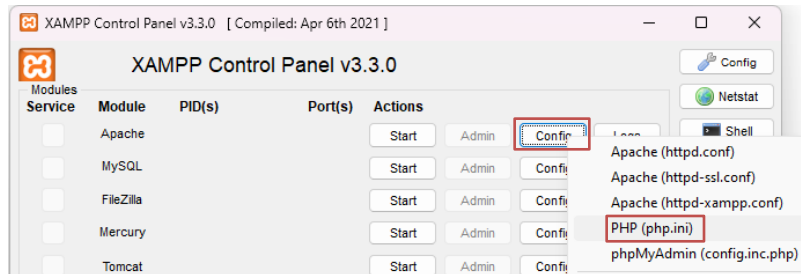
Problem 1
- codeigniter4/framework[4.0.0, ..., v4.4.6] require ext-intl * -> it is missing from your system. Install or enable PHP's intl extension.
- Root composer.json requires codeigniter4/framework ^4.0 -> satisfiable by codeigniter4/framework[4.0.0, ..., v4.4.6].

To enable extensions, verify that they are enabled in your .ini files:
- C:\xampp\php\php.ini
You can also run 'php --ini' in a terminal to see which files are used by PHP in CLI mode.
Alternatively, you can run Composer with '--ignore-platform-req=ext-intl' to temporarily ignore these required extensions.
Running update with --no-dev does not mean require-dev is ignored, it just means the packages will not be installed. If dev requirements are blocking the update you have to resolve those problems.

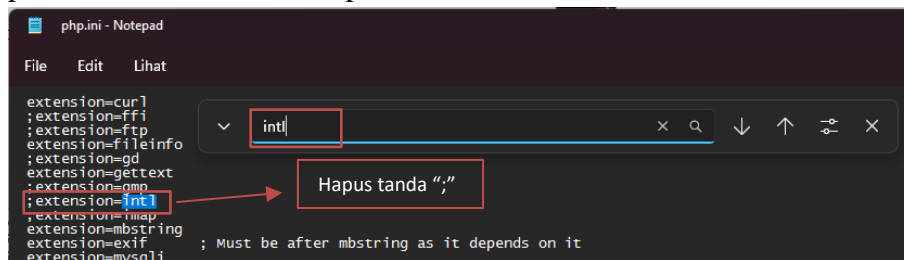
RANGGAWANBRANGGAWAN MINGW64 /c/xampp/htdocs
$
```

Disitu tertulis *Problem 1*, dan untuk mengatasinya kita diharuskan menginstal atau meng-enable ekstensi intl di PHP:

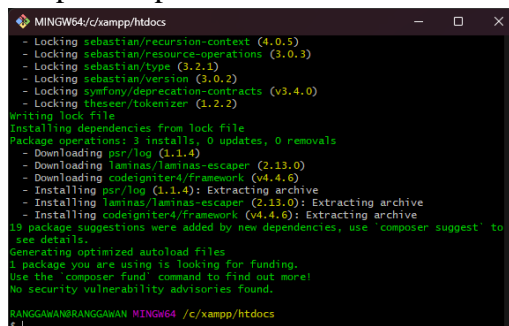
- Langkah pertama kita buka Xampp.
- Pada baris module Apache klik config-> lalu klik php.ini



- Setelah notepad terbuka, tekan Ctrl+F -> lalu ketik “intl” pada kolom pencarian -> setelah itu hapus tanda “;” -> lalu save dan exit.



- Setelah itu hapus folder project-root yang gagal sebelumnya di folder xampp/htdocs, lalu ulangi Langkah instalasi CodeIgniter 4. Jika muncul tampilan seperti dibawah ini maka instalasi telah berhasil.



```
MINGW64/c/xampp/htdocs
- Locking sebastian/recursion-context (4.0.5)
- Locking sebastian/resource-operations (3.0.3)
- Locking sebastian/type (3.2.1)
- Locking sebastian/version (3.0.2)
- Locking symfony/deprecation-contracts (v3.4.0)
- Locking theseer/tokenizer (1.2.2)
Writing lock file
Installing dependencies from lock file
Package operations: 3 installs, 0 updates, 0 removals
- Downloading psr/log (1.1.4)
- Downloading laminas/laminas-escaper (2.13.0)
- Downloading codeigniter4/framework (v4.4.6)
- Installing psr/log (1.1.4): Extracting archive
- Installing laminas/laminas-escaper (2.13.0): Extracting archive
- Installing codeigniter4/framework (v4.4.6): Extracting archive
19 package suggestions were added by new dependencies, use 'composer suggest' to see details.
Generating optimized autoload files
1 package you are using is looking for funding.
Use the 'composer fund' command to find out more!
No security vulnerability advisories found.

RANGGAWANBRANGGAWAN MINGW64 /c/xampp/htdocs
$
```

5. Coba CodeIgniter 4

- a. Buka git bash di folder xampp/htdocs
- b. Ketik cd project-root
- c. Ketik php spark serve

```
MINGW64/c:/xampp/htdocs/project-root
RANGGAWAN@RANGGAWAN MINGW64 /c:/xampp/htdocs
$ cd project-root
RANGGAWAN@RANGGAWAN MINGW64 /c:/xampp/htdocs/project-root
$ php spark serve

CodeIgniter v4.4.6 Command Line Tool - Server Time: 2024-02-26 13:42:13 UTC+00:00
0
CodeIgniter development server started on http://localhost:8080
Press Control-C to stop.
[Mon Feb 26 20:42:13 2024] PHP 8.2.12 Development Server (http://localhost:8080)
started
```

- d. Buka browser dan ketik localhost:8080

6. Jika muncul tampilan seperti dibawah ini tandanya instalasi CodeIgniter 4 telah berhasil.

