

13/11/2025

Web server Installation

1. Go to caddy <https://caddyserver.com/>
2. Select Window amd64 -> Download
3. Install PHP <https://windows.php.net/download/>
4. Select VS17 x64 Non Thread Safe -> zip -> Download
5. Create PHP File web/www/index.php

```
<?php phpinfo() ?>
```

6. Create Config File -> Caddyfile

```
# Caddyfile
import snippets/*

# Use the "yii2-app" snippet for our site:
import yii-app localhost C:\Projects\webapp\portalv2\web

## reverse proxy example
#domain.my {
  [!#]tls C:\caddy\ssl\2025\bundle.crt C:\caddy\ssl\2025\site.key

  [!#reverse_proxy localhost:3000
#}

## redirect old domain to new domain example
#domain.my {
  [!#]redir https://domain.my/
#}
```

7. Create Snippet /snippets/yii-app

```
#!/snippets/yii-app
# yii-app
# {args.0} represents the root url of the app. Example domain.com.
# {args.1} represents the root path to the app. Example C:\path

(yii-app) {
  {args[0]} {
    # Resolve the root directory for the app
    root * {args[1]}\www

    # Provide Zstd and Gzip compression
    encode zstd gzip

    ##tls C:\caddy\ssl\2025\bundle.crt C:\caddy\ssl\2025\site.key

    ##header {
      ## # HIDE SERVER INFO
      ##-server

      ## # Enable HTTP caching
      ## Cache-Control "no-store"

      ## #HSTS
      ## Strict-Transport-Security "max-age=63072000; includeSubDomains; preload"

      ## #CSP
      ## content-security-policy "default-src 'self'; script-src 'self' 'unsafe-inline' 'unsafe-eval'
      blob: *; img-src 'self' data: *; style-src 'self' 'unsafe-inline' *; connect-src 'self' *;
      font-src 'self' data: *; frame-src 'self' *; object-src 'none'; media-src 'self' *"
      ## permissions-policy "geolocation=(),midi=(),sync-
      xhr=(),microphone=(),camera=(),magnetometer=(),gyroscope=(),fullscreen=(self),payment=()"

      ## x-content-type-options "nosniff"
      ## x-xss-protection "1; mode=block"
      ## x-frame-options "SAMEORIGIN"
      ## Referrer-Policy "strict-origin-when-cross-origin"

      ## Set-Cookie (.*) "$1; SameSite=None; Secure"
      ## defer
```

```

}

# Modify the Set-Cookie header to add secure flags
header >Set-Cookie (.*) "{http.response.header.Set-Cookie[0]}; HttpOnly; Secure;
SameSite=Lax"

@static {
file
path *.ico *.css *.js *.gif *.webp *.avif *.jpg *.jpeg *.png *.svg *.woff *.woff2
}

handle /* {
#respond {args[1]}\www

@indexFiles file {
try_files {path} {path}/index.php index.php
try_files {path} {path}/index.php
split_path .php
}

rewrite @indexFiles {http.matchers.file.relative}
}

handle /admin/* {
#respond {args[1]}\admin\www

@indexFiles2 file {
try_files {path} {path}/admin/index.php /admin/index.php
try_files {path} {path}/admin/index.php
split_path .php
}

rewrite @indexFiles2 {http.matchers.file.relative}
}

# redirect my to / from google
#redir /my/ /

```

```

        #forbid php from accessed
        @not_no_php {
            not path /assets/*
            path *.php
        }

        @blocked {
        path /assets/*.php
        }

        respond @blocked 403

    php_fastcgi @not_no_php 127.0.0.1:9001 {
        env front_controller_active true
        resolve_root_symlink
        dial_timeout 60s
        read_timeout 300s
        write_timeout 300s
    }

    log {
        output file access.log
    }

    # Allow caddy to serve static files
    file_server

    @dotFiles {
    path */.*
    not path /.well-known/*
    }
}
}

```

7. Run as service (optional)

```
sc.exe create caddy start= auto binPath= "YOURPATH\caddy.exe run"
```

8. Run Php

```
cd YOUR/PHP/PATH
```

```
.\php-cgi.exe -c .\php.ini-development -b 127.0.0.1:9001
```

9. Check if php running on port

```
netstat -an | findstr 9001
```

10. add repo <https://gitlab.com/allif.ahmad92/portalv2-dynaweb>

- make sure git is install else go top <https://git-scm.com/>
- rename web to web_

```
git clone https://gitlab.com/allif.ahmad92/portalv2-dynaweb.git web
```

11. Install Composer <https://getcomposer.org/download/>

- select php path
- run composer install

```
composer install --ignore-platform-reqs
```

12. Download Mysql <https://dev.mysql.com/downloads/file/?id=546163>

Revision #14

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