

Enviroment Variables List

Environment Variables

Here are all the additional variables you can define in the `.env` file for setting up a self-hosted instance:

Environment Variable	Default	Description
PAGINATION_TAKE_COUNT	50	The numbers of Links to fetch every time you reach the bottom of the webpage
STORAGE_FOLDER	/data	The folder to store your Screenshots, PDFs, and profile photos.
AUTOSCROLL_TIMEOUT	30	The amount of time to wait for the website to be archived (in seconds).
RE_ARCHIVE_LIMIT	5	Adjusts how often a user can trigger a new archive for each link (in minutes).

Authentication Settings

Environment Variable	Default	Description
NEXT_PUBLIC_DISABLE_REGISTRATION	false	If set to true, registration will be disabled.
NEXT_PUBLIC_CREDENTIALS_ENABLED	true	If set to true, users will be able to login with username and password.
DISABLE_NEW_SSO_USERS	false	If set to true, new users will not be able to login with SSO.

Digital Ocean Spaces/AWS S3 Settings

Digital Ocean Spaces uses AWS S3 behind the scenes, so you can also choose to store your `STORAGE_FOLDER` files in Digital Ocean Spaces or Amazon S3:

Environment Variable	Default	Description
SPACES_KEY	-	-
SPACES_SECRET	-	-

Environment Variable	Default	Description
SPACES_ENDPOINT	-	-
SPACES_BUCKET_NAME	-	-
SPACES_REGION	-	-
SPACES_FORCE_PATH_STYLE	-	-

SMTP Settings

The variables you need to configure to enable password recovery without the admin interfering, email verification, etc...

Environment Variable	Default	Description
NEXT_PUBLIC_EMAIL_PROVIDER	-	If set to true, email will be enabled and you'll need to define the next two variables below.
EMAIL_FROM	-	The email that will send the verification emails.
EMAIL_SERVER	-	That sensitive string that starts with <code>smtp://...</code> .

Full EnviromentVariables List

Core Configuration:

- **NEXTAUTH_URL:** The URL for NextAuth (authentication).
Example: `NEXTAUTH_URL=http://localhost:3000/api/v1/auth`
- **NEXTAUTH_SECRET:** Secret key for signing NextAuth tokens.
Example: `NEXTAUTH_SECRET=supersecretkey`
- **DATABASE_URL:** PostgreSQL database connection string.
Example: `DATABASE_URL=postgresql://linkwarden:password@localhost:5432/linkwardendb`
- **POSTGRES_PASSWORD:** Password for the PostgreSQL database user.
Example: `POSTGRES_PASSWORD=yourpassword`

Optional Settings:

- **PAGINATION_TAKE_COUNT:** Number of links displayed per page.
Example: `PAGINATION_TAKE_COUNT=20`
- **STORAGE_FOLDER:** Directory path for storing files like images and PDFs.
Example: `STORAGE_FOLDER=/mnt/data/linkwarden_storage`
- **AUTOSCROLL_TIMEOUT:** Time (in ms) before auto-scroll happens.
Example: `AUTOSCROLL_TIMEOUT=5000`
- **NEXT_PUBLIC_DISABLE_REGISTRATION:** Disable user registration if `true`.
Example: `NEXT_PUBLIC_DISABLE_REGISTRATION=true`
- **NEXT_PUBLIC_CREDENTIALS_ENABLED:** Enable login with username/password.
Example: `NEXT_PUBLIC_CREDENTIALS_ENABLED=true`
- **DISABLE_NEW_SSO_USERS:** Disable new users signing up via SSO.
Example: `DISABLE_NEW_SSO_USERS=true`
- **RE_ARCHIVE_LIMIT:** Maximum number of links to re-archive.
Example: `RE_ARCHIVE_LIMIT=50`
- **MAX_LINKS_PER_USER:** Max number of links a user can save.
Example: `MAX_LINKS_PER_USER=1000`
- **ARCHIVE_TAKE_COUNT:** Number of links to archive in one operation.
Example: `ARCHIVE_TAKE_COUNT=100`
- **BROWSER_TIMEOUT:** Browser process timeout (in ms).
Example: `BROWSER_TIMEOUT=30000`
- **IGNORE_UNAUTHORIZED_CA:** Ignore unauthorized SSL certificates.
Example: `IGNORE_UNAUTHORIZED_CA=true`
- **IGNORE_HTTPS_ERRORS:** Ignore HTTPS-related errors.
Example: `IGNORE_HTTPS_ERRORS=true`
- **IGNORE_URL_SIZE_LIMIT:** Ignore URL size limits.
Example: `IGNORE_URL_SIZE_LIMIT=true`
- **NEXT_PUBLIC_DEMO:** Enable demo mode.
Example: `NEXT_PUBLIC_DEMO=true`
- **NEXT_PUBLIC_DEMO_USERNAME:** Demo mode username.
Example: `NEXT_PUBLIC_DEMO_USERNAME=demo`
- **NEXT_PUBLIC_DEMO_PASSWORD:** Demo mode password.
Example: `NEXT_PUBLIC_DEMO_PASSWORD=demopassword`
- **NEXT_PUBLIC_ADMIN:** Admin username.
Example: `NEXT_PUBLIC_ADMIN=adminuser`
- **NEXT_PUBLIC_MAX_FILE_BUFFER:** Max buffer size for file uploads.
Example: `NEXT_PUBLIC_MAX_FILE_BUFFER=1024`
- **MONOLITH_MAX_BUFFER:** Max buffer size for Monolith operations.
Example: `MONOLITH_MAX_BUFFER=2048`
- **MONOLITH_CUSTOM_OPTIONS:** Custom options for Monolith (web archiving).
Example: `MONOLITH_CUSTOM_OPTIONS="--timeout 60000"`
- **PDF_MAX_BUFFER:** Max buffer size for PDF processing.
Example: `PDF_MAX_BUFFER=4096`
- **SCREENSHOT_MAX_BUFFER:** Max buffer size for screenshots.
Example: `SCREENSHOT_MAX_BUFFER=2048`

- **READABILITY_MAX_BUFFER:** Max buffer size for readability processing.
Example: `READABILITY_MAX_BUFFER=1024`
- **PREVIEW_MAX_BUFFER:** Max buffer size for preview generation.
Example: `PREVIEW_MAX_BUFFER=2048`
- **IMPORT_LIMIT:** Limit on the number of links for import.
Example: `IMPORT_LIMIT=500`

AWS S3 Settings:

- **SPACES_KEY:** AWS S3 access key.
Example: `SPACES_KEY=yourawskey`
- **SPACES_SECRET:** AWS S3 secret key.
Example: `SPACES_SECRET=yourawssecret`
- **SPACES_ENDPOINT:** AWS S3 endpoint URL.
Example: `SPACES_ENDPOINT=https://nyc3.digitaloceanspaces.com`
- **SPACES_BUCKET_NAME:** Name of the S3 bucket.
Example: `SPACES_BUCKET_NAME=mybucket`
- **SPACES_REGION:** AWS region for S3.
Example: `SPACES_REGION=us-east-1`
- **SPACES_FORCE_PATH_STYLE:** Force path-style access for S3.
Example: `SPACES_FORCE_PATH_STYLE=true`

SMTP Settings:

- **NEXT_PUBLIC_EMAIL_PROVIDER:** Email provider (e.g., SMTP).
Example: `NEXT_PUBLIC_EMAIL_PROVIDER=smtp`
- **EMAIL_FROM:** Email address from which emails are sent.
Example: `EMAIL_FROM=no-reply@yourdomain.com`
- **EMAIL_SERVER:** SMTP server URL.
Example: `EMAIL_SERVER=smtp://smtp.mailtrap.io:2525`
- **BASE_URL:** The base URL of your application.
Example: `BASE_URL=https://app.yourdomain.com`

Proxy Settings:

- **PROXY:** Proxy server URL.
Example: `PROXY=http://proxy.yourdomain.com`
- **PROXY_USERNAME:** Username for proxy authentication.
Example: `PROXY_USERNAME=proxyuser`
- **PROXY_PASSWORD:** Password for proxy authentication.
Example: `PROXY_PASSWORD=proxypassword`

- **PROXY_BYPASS:** Hosts to bypass the proxy.

Example: `PROXY_BYPASS=localhost,127.0.0.1`

PDF Archive Settings:

- **PDF_MARGIN_TOP:** Top margin for PDFs.

Example: `PDF_MARGIN_TOP=10`

- **PDF_MARGIN_BOTTOM:** Bottom margin for PDFs.

Example: `PDF_MARGIN_BOTTOM=10`

SSO Providers:

```
# 42 School
```

```
NEXT_PUBLIC_FORTYTWO_ENABLED=
```

```
FORTYTWO_CUSTOM_NAME=
```

```
FORTYTWO_CLIENT_ID=
```

```
FORTYTWO_CLIENT_SECRET=
```

```
# Apple
```

```
NEXT_PUBLIC_APPLE_ENABLED=
```

```
APPLE_CUSTOM_NAME=
```

```
APPLE_ID=
```

```
APPLE_SECRET=
```

```
# Atlassian
```

```
NEXT_PUBLIC_ATLASSIAN_ENABLED=
```

```
ATLASSIAN_CUSTOM_NAME=
```

```
ATLASSIAN_CLIENT_ID=
```

```
ATLASSIAN_CLIENT_SECRET=
```

```
ATLASSIAN_SCOPE=
```

```
# Auth0
```

```
NEXT_PUBLIC_AUTH0_ENABLED=
```

```
AUTH0_CUSTOM_NAME=
```

```
AUTH0_ISSUER=
```

```
AUTH0_CLIENT_SECRET=
```

```
AUTH0_CLIENT_ID=
```

Authelia

NEXT_PUBLIC_AUTHELIA_ENABLED=""

AUTHELIA_CLIENT_ID=""

AUTHELIA_CLIENT_SECRET=""

AUTHELIA_WELLKNOWN_URL=""

Authentik

NEXT_PUBLIC_AUTHENTIK_ENABLED=

AUTHENTIK_CUSTOM_NAME=

AUTHENTIK_ISSUER=

AUTHENTIK_CLIENT_ID=

AUTHENTIK_CLIENT_SECRET=

Azure AD B2C

NEXT_PUBLIC_AZURE_AD_B2C_ENABLED=

AZURE_AD_B2C_TENANT_NAME=

AZURE_AD_B2C_CLIENT_ID=

AZURE_AD_B2C_CLIENT_SECRET=

AZURE_AD_B2C_PRIMARY_USER_FLOW=

Azure AD

NEXT_PUBLIC_AZURE_AD_ENABLED=

AZURE_AD_CLIENT_ID=

AZURE_AD_CLIENT_SECRET=

AZURE_AD_TENANT_ID=

Battle.net

NEXT_PUBLIC_BATTLENET_ENABLED=

BATTLENET_CUSTOM_NAME=

BATTLENET_CLIENT_ID=

BATTLENET_CLIENT_SECRET=

BATTLENET_ISSUER=

Box

NEXT_PUBLIC_BOX_ENABLED=

BOX_CUSTOM_NAME=

BOX_CLIENT_ID=

BOX_CLIENT_SECRET=

Bungie

```
NEXT_PUBLIC_BUNGIE_ENABLED=  
BUNGIE_CUSTOM_NAME=  
BUNGIE_CLIENT_ID=  
BUNGIE_CLIENT_SECRET=  
BUNGIE_API_KEY=
```

```
# Cognito
```

```
NEXT_PUBLIC_COGNITO_ENABLED=  
COGNITO_CUSTOM_NAME=  
COGNITO_CLIENT_ID=  
COGNITO_CLIENT_SECRET=  
COGNITO_ISSUER=
```

```
# Coinbase
```

```
NEXT_PUBLIC_COINBASE_ENABLED=  
COINBASE_CUSTOM_NAME=  
COINBASE_CLIENT_ID=  
COINBASE_CLIENT_SECRET=
```

```
# Discord
```

```
NEXT_PUBLIC_DISCORD_ENABLED=  
DISCORD_CUSTOM_NAME=  
DISCORD_CLIENT_ID=  
DISCORD_CLIENT_SECRET=
```

```
# Dropbox
```

```
NEXT_PUBLIC_DROPBOX_ENABLED=  
DROPBOX_CUSTOM_NAME=  
DROPBOX_CLIENT_ID=  
DROPBOX_CLIENT_SECRET=
```

```
# DuendeIdentityServer6
```

```
NEXT_PUBLIC_DUENDE_IDS6_ENABLED=  
DUENDE_IDS6_CUSTOM_NAME=  
DUENDE_IDS6_CLIENT_ID=  
DUENDE_IDS6_CLIENT_SECRET=  
DUENDE_IDS6_ISSUER=
```

```
# EVE Online
```

```
NEXT_PUBLIC_EVEONLINE_ENABLED=
```

```
EVEONLINE_CUSTOM_NAME=  
EVEONLINE_CLIENT_ID=  
EVEONLINE_CLIENT_SECRET=
```

Facebook

```
NEXT_PUBLIC_FACEBOOK_ENABLED=  
FACEBOOK_CUSTOM_NAME=  
FACEBOOK_CLIENT_ID=  
FACEBOOK_CLIENT_SECRET=
```

FACEIT

```
NEXT_PUBLIC_FACEIT_ENABLED=  
FACEIT_CUSTOM_NAME=  
FACEIT_CLIENT_ID=  
FACEIT_CLIENT_SECRET=
```

Foursquare

```
NEXT_PUBLIC_FOURSQUARE_ENABLED=  
FOURSQUARE_CUSTOM_NAME=  
FOURSQUARE_CLIENT_ID=  
FOURSQUARE_CLIENT_SECRET=  
FOURSQUARE_APIVERSION=
```

Freshbooks

```
NEXT_PUBLIC_FRESHBOOKS_ENABLED=  
FRESHBOOKS_CUSTOM_NAME=  
FRESHBOOKS_CLIENT_ID=  
FRESHBOOKS_CLIENT_SECRET=
```

FusionAuth

```
NEXT_PUBLIC_FUSIONAUTH_ENABLED=  
FUSIONAUTH_CUSTOM_NAME=  
FUSIONAUTH_CLIENT_ID=  
FUSIONAUTH_CLIENT_SECRET=  
FUSIONAUTH_ISSUER=  
FUSIONAUTH_TENANT_ID=
```

GitHub

```
NEXT_PUBLIC_GITHUB_ENABLED=  
GITHUB_CUSTOM_NAME=
```


GITHUB_ID=

GITHUB_SECRET=

GitLab

NEXT_PUBLIC_GITLAB_ENABLED=

GITLAB_CUSTOM_NAME=

GITLAB_CLIENT_ID=

GITLAB_CLIENT_SECRET=

Google

NEXT_PUBLIC_GOOGLE_ENABLED=

GOOGLE_CUSTOM_NAME=

GOOGLE_CLIENT_ID=

GOOGLE_CLIENT_SECRET=

HubSpot

NEXT_PUBLIC_HUBSPOT_ENABLED=

HUBSPOT_CUSTOM_NAME=

HUBSPOT_CLIENT_ID=

HUBSPOT_CLIENT_SECRET=

IdentityServer4

NEXT_PUBLIC_IDS4_ENABLED=

IDS4_CUSTOM_NAME=

IDS4_CLIENT_ID=

IDS4_CLIENT_SECRET=

IDS4_ISSUER=

Kakao

NEXT_PUBLIC_KAKAO_ENABLED=

KAKAO_CUSTOM_NAME=

KAKAO_CLIENT_ID=

KAKAO_CLIENT_SECRET=

Keycloak

NEXT_PUBLIC_KEYCLOAK_ENABLED=

KEYCLOAK_CUSTOM_NAME=

KEYCLOAK_ISSUER=

KEYCLOAK_CLIENT_ID=

KEYCLOAK_CLIENT_SECRET=

LINE

NEXT_PUBLIC_LINE_ENABLED=

LINE_CUSTOM_NAME=

LINE_CLIENT_ID=

LINE_CLIENT_SECRET=

LinkedIn

NEXT_PUBLIC_LINKEDIN_ENABLED=

LINKEDIN_CUSTOM_NAME=

LINKEDIN_CLIENT_ID=

LINKEDIN_CLIENT_SECRET=

Mailchimp

NEXT_PUBLIC_MAILCHIMP_ENABLED=

MAILCHIMP_CUSTOM_NAME=

MAILCHIMP_CLIENT_ID=

MAILCHIMP_CLIENT_SECRET=

Mail.ru

NEXT_PUBLIC_MAILRU_ENABLED=

MAILRU_CUSTOM_NAME=

MAILRU_CLIENT_ID=

MAILRU_CLIENT_SECRET=

Naver

NEXT_PUBLIC_NAVER_ENABLED=

NAVER_CUSTOM_NAME=

NAVER_CLIENT_ID=

NAVER_CLIENT_SECRET=

Netlify

NEXT_PUBLIC_NETLIFY_ENABLED=

NETLIFY_CUSTOM_NAME=

NETLIFY_CLIENT_ID=

NETLIFY_CLIENT_SECRET=

Okta

NEXT_PUBLIC_OKTA_ENABLED=

OKTA_CUSTOM_NAME=

```
OKTA_CLIENT_ID=  
OKTA_CLIENT_SECRET=  
OKTA_ISSUER=
```

```
# OneLogin
```

```
NEXT_PUBLIC_ONELOGIN_ENABLED=  
ONELOGIN_CUSTOM_NAME=  
ONELOGIN_CLIENT_ID=  
ONELOGIN_CLIENT_SECRET=  
ONELOGIN_ISSUER=
```

```
# Osso
```

```
NEXT_PUBLIC_OSSO_ENABLED=  
OSSO_CUSTOM_NAME=  
OSSO_CLIENT_ID=  
OSSO_CLIENT_SECRET=  
OSSO_ISSUER=
```

```
# osu!
```

```
NEXT_PUBLIC_OSU_ENABLED=  
OSU_CUSTOM_NAME=  
OSU_CLIENT_ID=  
OSU_CLIENT_SECRET=
```

```
# Patreon
```

```
NEXT_PUBLIC_PATREON_ENABLED=  
PATREON_CUSTOM_NAME=  
PATREON_CLIENT_ID=  
PATREON_CLIENT_SECRET=
```

```
# Pinterest
```

```
NEXT_PUBLIC_PINTEREST_ENABLED=  
PINTEREST_CUSTOM_NAME=  
PINTEREST_CLIENT_ID=  
PINTEREST_CLIENT_SECRET=
```

```
# Pipedrive
```

```
NEXT_PUBLIC_PIPEDRIVE_ENABLED=  
PIPEDRIVE_CUSTOM_NAME=  
PIPEDRIVE_CLIENT_ID=
```

PIPEDRIVE_CLIENT_SECRET=

Reddit

NEXT_PUBLIC_REDDIT_ENABLED=

REDDIT_CUSTOM_NAME=

REDDIT_CLIENT_ID=

REDDIT_CLIENT_SECRET=

Salesforce

NEXT_PUBLIC_SALESFORCE_ENABLED=

SALESFORCE_CUSTOM_NAME=

SALESFORCE_CLIENT_ID=

SALESFORCE_CLIENT_SECRET=

Slack

NEXT_PUBLIC_SLACK_ENABLED=

SLACK_CUSTOM_NAME=

SLACK_CLIENT_ID=

SLACK_CLIENT_SECRET=

Spotify

NEXT_PUBLIC_SPOTIFY_ENABLED=

SPOTIFY_CUSTOM_NAME=

SPOTIFY_CLIENT_ID=

SPOTIFY_CLIENT_SECRET=

Strava

NEXT_PUBLIC_STRAVA_ENABLED=

STRAVA_CUSTOM_NAME=

STRAVA_CLIENT_ID=

STRAVA_CLIENT_SECRET=

Todoist

NEXT_PUBLIC_TODOIST_ENABLED=

TODOIST_CUSTOM_NAME=

TODOIST_CLIENT_ID=

TODOIST_CLIENT_SECRET=

Twitch

NEXT_PUBLIC_TWITCH_ENABLED=

TWITCH_CUSTOM_NAME=

TWITCH_CLIENT_ID=

TWITCH_CLIENT_SECRET=

United Effects

NEXT_PUBLIC_UNITED_EFFECTS_ENABLED=

UNITED_EFFECTS_CUSTOM_NAME=

UNITED_EFFECTS_CLIENT_ID=

UNITED_EFFECTS_CLIENT_SECRET=

UNITED_EFFECTS_ISSUER=

VK

NEXT_PUBLIC_VK_ENABLED=

VK_CUSTOM_NAME=

VK_CLIENT_ID=

VK_CLIENT_SECRET=

Wikimedia

NEXT_PUBLIC_WIKIMEDIA_ENABLED=

WIKIMEDIA_CUSTOM_NAME=

WIKIMEDIA_CLIENT_ID=

WIKIMEDIA_CLIENT_SECRET=

Wordpress.com

NEXT_PUBLIC_WORDPRESS_ENABLED=

WORDPRESS_CUSTOM_NAME=

WORDPRESS_CLIENT_ID=

WORDPRESS_CLIENT_SECRET=

Yandex

NEXT_PUBLIC_YANDEX_ENABLED=

YANDEX_CUSTOM_NAME=

YANDEX_CLIENT_ID=

YANDEX_CLIENT_SECRET=

Zitadel

NEXT_PUBLIC_ZITADEL_ENABLED=

ZITADEL_CUSTOM_NAME=

ZITADEL_CLIENT_ID=

ZITADEL_CLIENT_SECRET=

ZITADEL_ISSUER=

Zoho

NEXT_PUBLIC_ZOHO_ENABLED=

ZOHO_CUSTOM_NAME=

ZOHO_CLIENT_ID=

ZOHO_CLIENT_SECRET=

Zoom

NEXT_PUBLIC_ZOOM_ENABLED=

ZOOM_CUSTOM_NAME=

ZOOM_CLIENT_ID=

ZOOM_CLIENT_SECRET=

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