

# Badges Dinámicos para Proyectos - Guía Completa

“ **Autor:** Abkrim **Última actualización:** 2026-06-22 **Propósito:** Documentación unificada de badges para los proyectos AichaDigital

“ **Principio rector:** un *badge dinámico* no debe poder mentir. Cada badge se emite solo si su fuente de datos existe; los que no tienen un badge dinámico fiable (nivel de PHPStan, versión de Laravel) se **regeneran** desde la fuente local en lugar de mantenerse a mano.

## Herramienta: skill `/ai-badges`

Para aplicar esta guía sin trabajo manual existe el skill de Claude Code `/ai-badges`. Lee el estado real del paquete (`composer.json`, `phpstan.neon`, workflows de CI) y **regenera** un bloque de badges canónico en el `README.md`, de forma idempotente, entre marcadores:

```
<!-- AI-BADGES:START profile=essential -->
...badges...
<!-- AI-BADGES:END -->
```

- **Solo escribe entre los marcadores.** El resto del `README.md` no se toca.
- **Dos capas, todo condicional:**
  - `essential` (siempre): Latest Version, Total Downloads, Tests, Code Style, PHPStan level, PHP Version, Laravel Version, License.
  - `extra` (opt-in): Code Coverage, Repo Status, Last Commit.
- Cada badge se emite solo si su fuente existe (no pone coverage sin Codecov, ni PHPStan sin `phpstan.neon`).
- **Invocación:** `/ai-badges check` (dry-run, no escribe), `/ai-badges` (perfil guardado en el marcador), `/ai-badges essential` | `/ai-badges extra`.
- **Reporta** los badges omitidos con su motivo y la coherencia de la licencia (`composer.json` vs badge vs fichero `LICENSE`).

El catálogo de plantillas de abajo es la referencia canónica; el skill las implementa.

# Plantilla Base Adaptable

```
<!-- PROJECT HEADER -->
# {NOMBRE_PROYECTO}

<!-- BADGES: Información del Paquete -->
[[Latest Version]](https://img.shields.io/packagist/v/{vendor}/{package}.svg?style=flat-square)))(https://packagist.org/packages/{vendor}/{package})
[[Total Downloads]](https://img.shields.io/packagist/dt/{vendor}/{package}.svg?style=flat-square)))(https://packagist.org/packages/{vendor}/{package})
[[Monthly Downloads]](https://img.shields.io/packagist/dm/{vendor}/{package}.svg?style=flat-square)))(https://packagist.org/packages/{vendor}/{package})

<!-- BADGES: Estado de CI/CD -->
[[Tests]](https://img.shields.io/github/actions/workflow/status/{vendor}/{repo}/run-tests.yml?branch=main&label=tests&style=flat-square)))(https://github.com/{vendor}/{repo}/actions?query=workflow%3Arun-tests+branch%3Amain)
[[Code Style]](https://img.shields.io/github/actions/workflow/status/{vendor}/{repo}/fix-php-code-style-issues.yml?branch=main&label=code%20style&style=flat-square)))(https://github.com/{vendor}/{repo}/actions?query=workflow%3A"Fix+PHP+code+style+issues"+branch%3Amain)
[[PHPStan]](https://img.shields.io/github/actions/workflow/status/{vendor}/{repo}/phpstan.yml?branch=main&label=phpstan&style=flat-square)))(https://github.com/{vendor}/{repo}/actions/workflows/phpstan.yml)

<!-- BADGES: Calidad de Código -->
[[PHPStan Level]](https://img.shields.io/badge/PHPStan-level%20max-brightgreen.svg?style=flat-square&logo=php)))(https://phpstan.org/)
[[Code Coverage]](https://img.shields.io/codecov/c/github/{vendor}/{repo}?style=flat-square&logo=codecov)))(https://codecov.io/gh/{vendor}/{repo})
[[Maintainability]](https://img.shields.io/codeclimate/maintainability/{vendor}/{repo}?style=flat-square&logo=code-climate)))(https://codeclimate.com/github/{vendor}/{repo})
[[Technical Debt]](https://img.shields.io/codeclimate/tech-debt/{vendor}/{repo}?style=flat-square&logo=code-climate)))(https://codeclimate.com/github/{vendor}/{repo})
```

```
<!-- BADGES: Requisitos Técnicos -->
[[PHP Version](https://img.shields.io/packagist/php-v/{vendor}/{package}.svg?style=flat-square&logo=php)](https://packagist.org/packages/{vendor}/{package})
[[Laravel Version](https://img.shields.io/badge/Laravel-12.x-red.svg?style=flat-square&logo=laravel)](https://laravel.com)

<!-- BADGES: Stack Tecnológico -->
[[Stack: RabbitMQ](https://img.shields.io/badge/Stack-RabbitMQ-FF6600?style=flat-square&logo=rabbitmq)](https://www.rabbitmq.com/)
[[Stack: Elasticsearch](https://img.shields.io/badge/Stack-Elasticsearch-005571?style=flat-square&logo=elasticsearch)](https://www.elastic.co/)
[[Stack: Redis](https://img.shields.io/badge/Stack-Redis-DC382D?style=flat-square&logo=redis)](https://redis.io/)
[[Stack: PostgreSQL](https://img.shields.io/badge/Stack-PostgreSQL-336791?style=flat-square&logo=postgresql)](https://www.postgresql.org/)

<!-- BADGES: Estado del Repositorio -->
[[Last Commit](https://img.shields.io/github/last-commit/{vendor}/{repo}?style=flat-square&logo=github)](https://github.com/{vendor}/{repo}/commits)
[[Commit Activity](https://img.shields.io/github/commit-activity/m/{vendor}/{repo}?style=flat-square&logo=github)](https://github.com/{vendor}/{repo}/graphs/commit-activity)
[[Issues](https://img.shields.io/github/issues/{vendor}/{repo}?style=flat-square&logo=github)](https://github.com/{vendor}/{repo}/issues)
[[Pull Requests](https://img.shields.io/github/issues-pr/{vendor}/{repo}?style=flat-square&logo=github)](https://github.com/{vendor}/{repo}/pulls)

<!-- BADGES: Estado del Proyecto -->
[[Project Status: Active](https://www.repostatus.org/badges/latest/active.svg)](https://www.repostatus.org/#active)
[[Maintenance](https://img.shields.io/maintenance/yes/2025?style=flat-square)](https://github.com/{vendor}/{repo}/graphs/commit-activity)
[[License](https://img.shields.io/github/license/{vendor}/{repo}?style=flat-square)](LICENSE.md)

<!-- BADGES: Comunidad -->
[[GitHub Stars](https://img.shields.io/github/stars/{vendor}/{repo}?style=flat-square&logo=github)](https://github.com/{vendor}/{repo}/stargazers)
```

```

[[[GitHub Forks](https://img.shields.io/github/forks/{vendor}/{repo}?style=flat-square&logo=github)](https://github.com/{vendor}/{repo}/network/members)
[[[Contributors](https://img.shields.io/github/contributors/{vendor}/{repo}?style=flat-square&logo=github)](https://github.com/{vendor}/{repo}/graphs/contributors)

<!-- BADGES: Seguridad -->
[[[Security](https://img.shields.io/badge/Security-Snyk-4C4A73?style=flat-square&logo=snyk)](https://snyk.io/)
[[[Known Vulnerabilities](https://snyk.io/test/github/{vendor}/{repo}/badge.svg?style=flat-square)](https://snyk.io/test/github/{vendor}/{repo})

```

## Variables a reemplazar

Variable	Ejemplo	Descripción
{vendor}	AichaDigital	Nombre de la organización/vendor
{repo}	lara-verifactu	Nombre del repositorio
{package}	aichadigital/lara-verifactu	Nombre completo del paquete en Packagist

## Badges por Categoría

### 1. Información del Paquete (Packagist)

#### Versión y Descargas

```

<!-- Versión estable actual -->
[[[Latest Version](https://img.shields.io/packagist/v/{vendor}/{package})](https://packagist.org/packages/{vendor}/{package})

<!-- Versión pre-release -->
[[[Latest Unstable Version](https://img.shields.io/packagist/vpre/{vendor}/{package})](https://packagist.org/packages/{vendor}/{package})

```

```
<!-- Descargas totales -->
[[[Total
Downloads](https://img.shields.io/packagist/dt/{vendor}/{package})](https://packagist.org/packages/{vendor}/{package})

<!-- Descargas mensuales -->
[[[Monthly
Downloads](https://img.shields.io/packagist/dm/{vendor}/{package})](https://packagist.org/packages/{vendor}/{package})

<!-- Descargas diarias -->
[[[Daily
Downloads](https://img.shields.io/packagist/dd/{vendor}/{package})](https://packagist.org/packages/{vendor}/{package})

<!-- Licencia desde Packagist -->
[[[License](https://img.shields.io/packagist/l/{vendor}/{package})](https://packagist.org/packages/{vendor}/{package})
```

## Configuración

- **URL:** <https://packagist.org/>
- **Requisitos:** Paquete publicado en Packagist
- **Actualización:** Automática tras cada release
- **Costo:** Gratuito

## 2. CI/CD y Tests (GitHub Actions)

### Workflows Estándar

```
<!-- Tests generales -->
[[[Tests](https://github.com/{vendor}/{repo}/actions/workflows/run-tests.yml/badge.svg)](https://github.com/{vendor}/{repo}/actions/workflows/run-tests.yml)

<!-- Code Style (Pint/PHP-CS-Fixer) -->
[[[Code Style](https://github.com/{vendor}/{repo}/actions/workflows/fix-php-code-style-issues.yml/badge.svg)](https://github.com/{vendor}/{repo}/actions/workflows/fix-php-code-style-issues.yml)
```

```

<!-- PHPStan -->
[![PHPStan](https://github.com/{vendor}/{repo}/actions/workflows/phpstan.yml/badge.svg)](https://github.com/{vendor}/{repo}/actions/workflows/phpstan.yml)

<!-- Pest/PHPUnit -->
[![Tests](https://github.com/{vendor}/{repo}/actions/workflows/tests.yml/badge.svg)](https://github.com/{vendor}/{repo}/actions/workflows/tests.yml)

<!-- Build Status (genérico) -->
[![Build Status](https://github.com/{vendor}/{repo}/workflows/CI/badge.svg)](https://github.com/{vendor}/{repo}/actions)

<!-- Estado específico de workflow con parámetros -->
[![Tests](https://img.shields.io/github/actions/workflow/status/{vendor}/{repo}/run-tests.yml?branch=main&label=tests)](https://github.com/{vendor}/{repo}/actions/workflows/run-tests.yml)

```

## Configuración

- **Ubicación:** `.github/workflows/*.yml`
- **Requisitos:** Workflows activos en GitHub Actions
- **Actualización:** Automática en cada push/PR
- **Costo:** Gratuito para repos públicos

### Ejemplo de workflow mínimo:

```

# .github/workflows/run-tests.yml
name: Tests

on: [push, pull_request]

jobs:
  test:
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v4
      - name: Setup PHP
        uses: shivammathur/setup-php@v2

```

```
with:
```

```
  php-version: 8.3
```

```
- run: composer install
```

```
- run: vendor/bin/pest
```

## 3. Calidad de Código

### PHPStan (Badges Manuales)

```
<!-- Level específico (0-9) - ACTUALIZAR MANUALMENTE -->
[[PHPStan Level 0](https://img.shields.io/badge/PHPStan-level%200-red.svg?logo=php)](https://phpstan.org/)
[[PHPStan Level 1](https://img.shields.io/badge/PHPStan-level%201-orange.svg?logo=php)](https://phpstan.org/)
[[PHPStan Level 2](https://img.shields.io/badge/PHPStan-level%202-yellow.svg?logo=php)](https://phpstan.org/)
[[PHPStan Level 3](https://img.shields.io/badge/PHPStan-level%203-yellowgreen.svg?logo=php)](https://phpstan.org/)
[[PHPStan Level 4](https://img.shields.io/badge/PHPStan-level%204-yellowgreen.svg?logo=php)](https://phpstan.org/)
[[PHPStan Level 5](https://img.shields.io/badge/PHPStan-level%205-green.svg?logo=php)](https://phpstan.org/)
[[PHPStan Level 6](https://img.shields.io/badge/PHPStan-level%206-green.svg?logo=php)](https://phpstan.org/)
[[PHPStan Level 7](https://img.shields.io/badge/PHPStan-level%207-brightgreen.svg?logo=php)](https://phpstan.org/)
[[PHPStan Level 8](https://img.shields.io/badge/PHPStan-level%208-brightgreen.svg?logo=php)](https://phpstan.org/)
[[PHPStan Level 9](https://img.shields.io/badge/PHPStan-level%209-brightgreen.svg?logo=php)](https://phpstan.org/)

<!-- Max Level (para proyectos con level 9) -->
[[PHPStan Level](https://img.shields.io/badge/PHPStan-level%20max-brightgreen.svg?logo=php)](https://phpstan.org/)

<!-- Badge con workflow dinámico (muestra estado del workflow) -->
[[PHPStan](https://github.com/{vendor}/{repo}/actions/workflows/phpstan.yml/badge.svg)](https://github.com/{vendor}/{repo}/actions/workflows/phpstan.yml)
```

**Nota importante:** PHPStan no tiene badge oficial dinámico que lea el level automáticamente. El skill `/ai-badges` lo **regenera** leyendo `level:` de `phpstan.neon[.dist]`, de modo que el badge estático deja de mantenerse a mano (colores: 0-2 rojo, 3-4 naranja, 5-6 verde, 7-9/max verde brillante). Si no usas el skill, actualízalo manualmente o ver [Solución Custom para PHPStan](#) más abajo.

## Codecov

```
<!-- Badge básico -->
[[[Code
Coverage](https://codecov.io/gh/{vendor}/{repo}/branch/main/graph/badge.svg)](https://codecov.io/gh/{vendor}/{repo})

<!-- Con token (para repos privados) -->
[[[codecov](https://codecov.io/gh/{vendor}/{repo}/branch/main/graph/badge.svg?token=YOUR_TOKEN)](https://codecov.io/gh/{vendor}/{repo})

<!-- Badge con porcentaje visible -->
[[[Coverage](https://img.shields.io/codecov/c/github/{vendor}/{repo}?logo=codecov)](https://codecov.io/gh/{vendor}/{repo})
```

### Configuración:

1. Crear cuenta en <https://codecov.io/>
2. Vincular repositorio
3. Obtener token (Settings > Repository > Upload Token)
4. Añadir token a GitHub Secrets: `CODECOV_TOKEN`
5. Configurar workflow:

```
# .github/workflows/tests.yml

- name: Run tests with coverage
  run: vendor/bin/pest --coverage --coverage-clover=coverage.xml

- name: Upload coverage to Codecov
  uses: codecov/codecov-action@v3
  with:
    files: ./coverage.xml
    fail_ci_if_error: true
```

```
token: ${ secrets.CODECOV_TOKEN }
```

**Costo:** Gratuito para repos open source

## Code Climate

```
<!-- Maintainability -->
[[[Maintainability](https://api.codeclimate.com/v1/badges/{badge_id}/maintainability)](https://codeclimate.com/github/{vendor}/{repo}/maintainability)

<!-- Test Coverage -->
[[[Test Coverage](https://api.codeclimate.com/v1/badges/{badge_id}/test_coverage)](https://codeclimate.com/github/{vendor}/{repo}/test_coverage)

<!-- Technical Debt -->
[[[Technical Debt](https://img.shields.io/codeclimate/tech-debt/{vendor}/{repo})](https://codeclimate.com/github/{vendor}/{repo})

<!-- Badge de issues -->
[[[Code Issues](https://img.shields.io/codeclimate/issues/{vendor}/{repo})](https://codeclimate.com/github/{vendor}/{repo}/issues)
```

### Configuración:

1. Crear cuenta en <https://codeclimate.com/>
2. Conectar repositorio
3. Obtener `badge_id` del dashboard (Repo Settings > Badges)
4. Crear `.codeclimate.yml`:

```
version: "2"
checks:
  argument-count:
    enabled: true
  config:
    threshold: 4
  complex-logic:
    enabled: true
```

```
method-complexity:
  enabled: true
  config:
    threshold: 10
method-lines:
  enabled: true
  config:
    threshold: 50
```

**Costo:** Gratuito para repos open source

## Scrutinizer

```
<!-- Quality Score -->
[[[Scrutinizer Code Quality](https://scrutinizer-ci.com/g/{vendor}/{repo}/badges/quality-score.png?b=main)](https://scrutinizer-ci.com/g/{vendor}/{repo}/?branch=main)

<!-- Coverage -->
[[[Code Coverage](https://scrutinizer-ci.com/g/{vendor}/{repo}/badges/coverage.png?b=main)](https://scrutinizer-ci.com/g/{vendor}/{repo}/?branch=main)

<!-- Build Status -->
[[[Build Status](https://scrutinizer-ci.com/g/{vendor}/{repo}/badges/build.png?b=main)](https://scrutinizer-ci.com/g/{vendor}/{repo}/build-status/main)
```

### Configuración:

- URL: <https://scrutinizer-ci.com/>
- Requisitos: Conectar repo, configurar `.scrutinizer.yml`
- Costo: Gratuito para repos open source

## SonarCloud

```
<!-- Quality Gate Status -->
[[[Quality Gate Status](https://sonarcloud.io/api/project_badges/measure?project={project_key}&metric=alert_status)](https://sonarcloud.io/dashboard?id={project_key})
```

```
<!-- Bugs -->
[[[Bugs](https://sonarcloud.io/api/project_badges/measure?project={project_key}&metric=bugs)](
https://sonarcloud.io/dashboard?id={project_key})

<!-- Code Smells -->
[[[Code
Smells](https://sonarcloud.io/api/project_badges/measure?project={project_key}&metric=code_sme
lls)](https://sonarcloud.io/dashboard?id={project_key})

<!-- Coverage -->
[[[Coverage](https://sonarcloud.io/api/project_badges/measure?project={project_key}&metric=cov
erage)](https://sonarcloud.io/dashboard?id={project_key})

<!-- Duplicated Lines -->
[[[Duplicated
Lines](https://sonarcloud.io/api/project_badges/measure?project={project_key}&metric=duplicate
d_lines_density)](https://sonarcloud.io/dashboard?id={project_key})

<!-- Technical Debt -->
[[[Technical
Debt](https://sonarcloud.io/api/project_badges/measure?project={project_key}&metric=sqale_inde
x)](https://sonarcloud.io/dashboard?id={project_key})

<!-- Vulnerabilities -->
[[[Vulnerabilities](https://sonarcloud.io/api/project_badges/measure?project={project_key}&met
ric=vulnerabilities)](https://sonarcloud.io/dashboard?id={project_key})

<!-- Security Rating -->
[[[Security
Rating](https://sonarcloud.io/api/project_badges/measure?project={project_key}&metric=security
_rating)](https://sonarcloud.io/dashboard?id={project_key})

<!-- Maintainability Rating -->
[[[Maintainability
Rating](https://sonarcloud.io/api/project_badges/measure?project={project_key}&metric=sqale_ra
ting)](https://sonarcloud.io/dashboard?id={project_key})

<!-- Reliability Rating -->
[[[Reliability
Rating](https://sonarcloud.io/api/project_badges/measure?project={project_key}&metric=reliabil
```

```
ity_rating)](https://sonarcloud.io/dashboard?id={project_key})
```

## Configuración:

- URL: <https://sonarcloud.io/>
- Requisitos: Vincular con GitHub/GitLab, configurar `sonar-project.properties`
- Costo: Gratuito para repos open source

## 4. Requisitos Técnicos

```
<!-- PHP Version (desde composer.json - DINÁMICO) -->
[[PHP Version]](https://img.shields.io/packagist/php-
v/{vendor}/{package}?logo=php)](https://packagist.org/packages/{vendor}/{package})

<!-- PHP Version específica (manual) -->
[[PHP]](https://img.shields.io/badge/PHP-%3E%3D8.2-777BB4?logo=php)](https://www.php.net/)
[[PHP]](https://img.shields.io/badge/PHP-%3E%3D8.3-777BB4?logo=php)](https://www.php.net/)

<!-- Laravel Version (manual) -->
[[Laravel]](https://img.shields.io/badge/Laravel-11.x-red?logo=laravel)](https://laravel.com)
[[Laravel]](https://img.shields.io/badge/Laravel-12.x-red?logo=laravel)](https://laravel.com)

<!-- Versión múltiple de Laravel -->
[[Laravel]](https://img.shields.io/badge/Laravel-11.x%20%7C%2012.x-
red?logo=laravel)](https://laravel.com)

<!-- Composer Version -->
[[Composer]](https://img.shields.io/badge/Composer-2.x-
885630?logo=composer)](https://getcomposer.org/)

<!-- Node.js (si aplica) -->
[[Node.js]](https://img.shields.io/badge/Node.js-%3E%3D20-
339933?logo=node.js)](https://nodejs.org/)
```

**Nota:** El badge de PHP desde Packagist lee automáticamente el `require.php` de `composer.json`. La versión de **Laravel** no tiene badge dinámico oficial: el skill `/ai-badges` la **regenera** desde la matriz `laravel:` del workflow de tests (o, si no existe, desde el constraint `illuminate/*` de `composer.json`).

# 5. Stack Tecnológico

## Bases de Datos

```
<!-- MySQL -->
[[MySQL](https://img.shields.io/badge/MySQL-8.0-4479A1?logo=mysql&logoColor=white)](https://www.mysql.com/)
[[MySQL](https://img.shields.io/badge/MySQL-8.x-4479A1?logo=mysql&logoColor=white)](https://www.mysql.com/)

<!-- PostgreSQL -->
[[PostgreSQL](https://img.shields.io/badge/PostgreSQL-16-336791?logo=postgresql)](https://www.postgresql.org/)
[[PostgreSQL](https://img.shields.io/badge/PostgreSQL-15%20%7C%2016-336791?logo=postgresql)](https://www.postgresql.org/)

<!-- MariaDB -->
[[MariaDB](https://img.shields.io/badge/MariaDB-11.x-003545?logo=mariadb)](https://mariadb.org/)

<!-- SQLite -->
[[SQLite](https://img.shields.io/badge/SQLite-3.x-003B57?logo=sqlite)](https://www.sqlite.org/)

<!-- MongoDB -->
[[MongoDB](https://img.shields.io/badge/MongoDB-7.x-47A248?logo=mongodb&logoColor=white)](https://www.mongodb.com/)
```

## Message Queues

```
<!-- RabbitMQ -->
[[RabbitMQ](https://img.shields.io/badge/RabbitMQ-3.x-FF6600?logo=rabbitmq)](https://www.rabbitmq.com/)

<!-- Apache Kafka -->
[[Apache Kafka](https://img.shields.io/badge/Kafka-latest-231F20?logo=apache-kafka)](https://kafka.apache.org/)

<!-- AWS SQS -->
```

```
[![AWS SQS](https://img.shields.io/badge/AWS-SQS-FF9900?logo=amazon-aws)](https://aws.amazon.com/sqs/)
```

## Cache y Storage

```
<!-- Redis -->
[![Redis](https://img.shields.io/badge/Redis-7.x-DC382D?logo=redis&logoColor=white)](https://redis.io/)

<!-- Memcached -->
[![Memcached](https://img.shields.io/badge/Memcached-latest-00D8FF)](https://memcached.org/)

<!-- MinIO -->
[![MinIO](https://img.shields.io/badge/MinIO-latest-C72E49?logo=minio&logoColor=white)](https://min.io/)
```

## Search Engines

```
<!-- Elasticsearch -->
[![Elasticsearch](https://img.shields.io/badge/Elasticsearch-8.x-005571?logo=elasticsearch)](https://www.elastic.co/)

<!-- Algolia -->
[![Algolia](https://img.shields.io/badge/Algolia-latest-5468FF?logo=algolia&logoColor=white)](https://www.algolia.com/)

<!-- MeiliSearch -->
[![MeiliSearch](https://img.shields.io/badge/MeiliSearch-latest-FF69B4?logo=meilisearch&logoColor=white)](https://www.meilisearch.com/)

<!-- Typesense -->
[![Typesense](https://img.shields.io/badge/Typesense-latest-D91A5B)](https://typesense.org/)
```

## Frontend (si aplica)

```
<!-- Vue.js -->
[![Vue.js](https://img.shields.io/badge/Vue.js-3.x-4FC08D?logo=vue.js&logoColor=white)](https://vuejs.org/)
```

```
<!-- React -->
[[[React](https://img.shields.io/badge/React-18.x-61DAFB?logo=react&logoColor=black)](https://reactjs.org/)]

<!-- Alpine.js -->
[[[Alpine.js](https://img.shields.io/badge/Alpine.js-3.x-8BC0D0?logo=alpine.js&logoColor=black)](https://alpinejs.dev/)]

<!-- Livewire -->
[[[Livewire](https://img.shields.io/badge/Livewire-3.x-FB70A9?logo=livewire)](https://livewire.laravel.com/)]

<!-- Inertia.js -->
[[[Inertia.js](https://img.shields.io/badge/Inertia.js-latest-9553E9?logo=inertia)](https://inertiajs.com/)]

<!-- Tailwind CSS -->
[[[Tailwind CSS](https://img.shields.io/badge/Tailwind-3.x-06B6D4?logo=tailwind-css&logoColor=white)](https://tailwindcss.com/)]

<!-- Bootstrap -->
[[[Bootstrap](https://img.shields.io/badge/Bootstrap-5.x-7952B3?logo=bootstrap&logoColor=white)](https://getbootstrap.com/)]
```

## DevOps y Contenedores

```
<!-- Docker -->
[[[Docker](https://img.shields.io/badge/Docker-latest-2496ED?logo=docker&logoColor=white)](https://www.docker.com/)]

<!-- Kubernetes -->
[[[Kubernetes](https://img.shields.io/badge/Kubernetes-latest-326CE5?logo=kubernetes&logoColor=white)](https://kubernetes.io/)]

<!-- Proxmox -->
[[[Proxmox](https://img.shields.io/badge/Proxmox-VE-E57000?logo=proxmox&logoColor=white)](https://www.proxmox.com/)]
```

```
<!-- GitHub Actions -->
[[GitHub Actions](https://img.shields.io/badge/GitHub-Actions-2088FF?logo=github-
actions&logoColor=white)](https://github.com/features/actions)

<!-- GitLab CI -->
[[GitLab CI](https://img.shields.io/badge/GitLab-CI-
FC6D26?logo=gitlab&logoColor=white)](https://docs.gitlab.com/ee/ci/)
```

## 6. Estado del Repositorio

```
<!-- Último commit (DINÁMICO) -->
[[Last Commit](https://img.shields.io/github/last-
commit/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo}/commits)

<!-- Actividad de commits mensual (DINÁMICO) -->
[[Commit Activity](https://img.shields.io/github/commit-
activity/m/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo}/graphs/commit-
activity)

<!-- Actividad de commits semanal (DINÁMICO) -->
[[Commit Activity](https://img.shields.io/github/commit-
activity/w/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo}/graphs/commit-
activity)

<!-- Actividad de commits anual (DINÁMICO) -->
[[Commit Activity](https://img.shields.io/github/commit-
activity/y/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo}/graphs/commit-
activity)

<!-- Issues abiertas (DINÁMICO) -->
[[Open
Issues](https://img.shields.io/github/issues/{vendor}/{repo}?logo=github)](https://github.com/
{vendor}/{repo}/issues)

<!-- Issues cerradas (DINÁMICO) -->
[[Closed Issues](https://img.shields.io/github/issues-
closed/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo}/issues?q=is%3Aissue+is
```

```

%3Aclosed)

<!-- Pull Requests abiertas (DINÁMICO) -->
[![Open PRs](https://img.shields.io/github/issues-pr/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo}/pulls)

<!-- Pull Requests cerradas (DINÁMICO) -->
[![Closed PRs](https://img.shields.io/github/issues-pr-closed/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo}/pulls?q=is%3Apr+is%3Aclosed)

<!-- Tamaño del repositorio (DINÁMICO) -->
[![Repo Size](https://img.shields.io/github/repo-size/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo})

<!-- Lenguaje principal (DINÁMICO) -->
[![Top Language](https://img.shields.io/github/languages/top/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo})

<!-- Conteo de lenguajes (DINÁMICO) -->
[![Language Count](https://img.shields.io/github/languages/count/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo})

<!-- Última release (DINÁMICO) -->
[![Latest Release](https://img.shields.io/github/v/release/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo}/releases/latest)

<!-- Release date (DINÁMICO) -->
[![Release Date](https://img.shields.io/github/release-date/{vendor}/{repo}?logo=github)](https://github.com/{vendor}/{repo}/releases)

```

## 7. Estado del Proyecto (dinámicos)

RepoStatus.org (Estados Oficiales)

```
<!-- Active: Proyecto activo con desarrollo regular -->
[![Active](https://www.repostatus.org/badges/latest/active.svg)](https://www.repostatus.org/#active)

<!-- WIP: Work In Progress, funcional pero en desarrollo -->
[![WIP](https://www.repostatus.org/badges/latest/wip.svg)](https://www.repostatus.org/#wip)

<!-- Suspended: Temporalmente detenido -->
[![Suspended](https://www.repostatus.org/badges/latest/suspended.svg)](https://www.repostatus.org/#suspended)

<!-- Abandoned: No mantenido -->
[![Abandoned](https://www.repostatus.org/badges/latest/abandoned.svg)](https://www.repostatus.org/#abandoned)

<!-- Moved: Repositorio movido a otra ubicación -->
[![Moved](https://www.repostatus.org/badges/latest/moved.svg)](https://www.repostatus.org/#moved)

<!-- Inactive: Funcional pero no mantenido activamente -->
[![Inactive](https://www.repostatus.org/badges/latest/inactive.svg)](https://www.repostatus.org/#inactive)

<!-- Unsupported: Funcional pero sin soporte -->
[![Unsupported](https://www.repostatus.org/badges/latest/unsupported.svg)](https://www.repostatus.org/#unsupported)

<!-- Concept: En fase de concepto -->
[![Concept](https://www.repostatus.org/badges/latest/concept.svg)](https://www.repostatus.org/#concept)
```

**URL:** <https://www.repostatus.org/>

**Actualización:** Manual (copiar el badge apropiado)

## Maintenance Status (Año específico)

```
<!-- Mantenido actualmente (cambiar año según corresponda) -->
[![Maintenance](https://img.shields.io/maintenance/yes/2025)](https://github.com/{vendor}/{repo})
```

```
<!-- No mantenido -->
[[[Maintenance](https://img.shields.io/maintenance/no/2025)](https://github.com/{vendor}/{repo}
}]
```

**Nota:** Actualizar el año anualmente.

## 8. Licencia

```
<!-- Licencia desde GitHub (DINÁMICO) -->
[[[License](https://img.shields.io/github/license/{vendor}/{repo})](https://github.com/{vendor}
}/{repo}/blob/main/LICENSE.md)

<!-- MIT -->
[[[License: MIT](https://img.shields.io/badge/License-MIT-
yellow.svg)](https://opensource.org/licenses/MIT)

<!-- GPL v3 -->
[[[License: GPL v3](https://img.shields.io/badge/License-GPLv3-
blue.svg)](https://www.gnu.org/licenses/gpl-3.0)

<!-- AGPL v3 (por defecto en cores/aplicaciones AichaDigital) -->
[[[License: AGPL v3](https://img.shields.io/badge/License-AGPL%20v3-
blue.svg)](https://www.gnu.org/licenses/agpl-3.0)

<!-- Licencia DINÁMICA desde Packagist (RECOMENDADO: lee composer.json) -->
[[[License](https://img.shields.io/packagist/l/{vendor}/{package}.svg)](https://packagist.org/
packages/{vendor}/{package})

<!-- Apache 2.0 -->
[[[License: Apache 2.0](https://img.shields.io/badge/License-Apache%202.0-
blue.svg)](https://opensource.org/licenses/Apache-2.0)

<!-- BSD 3-Clause -->
[[[License: BSD-3](https://img.shields.io/badge/License-BSD%203--Clause-
blue.svg)](https://opensource.org/licenses/BSD-3-Clause)

<!-- ISC -->
```

```
[[License: ISC](https://img.shields.io/badge/License-ISC-blue.svg)](https://opensource.org/licenses/ISC)
```

```
<!-- Propietaria -->
```

```
[[License: Proprietary](https://img.shields.io/badge/License-Proprietary-red.svg)](LICENSE.md)
```

## Criterio de licencia (AichaDigital):

- **Producto / aplicación desplegada como servicio** → `AGPL-3.0-or-later`. Copyleft fuerte: impide que un tercero monte un SaaS cerrado con el motor sin liberar su código.
- **Librería / integración pensada para que otros la integren** → `MIT`. AGPL es vicia y frena la adopción comercial; MIT maximiza el uso (es lo idiomático en el ecosistema Laravel).
- **Forks:** el copyleft solo se endurece, nunca se relaja. Desde MIT/Apache puedes pasar tu fork a AGPL; desde (A)GPL estás obligado a mantener (A)GPL.
- **Badge:** preferir el dinámico `packagist/l` (lee la licencia real de `composer.json`) frente al estático, para que no se desincronice.

## 9. Comunidad

```
<!-- Stars (DINÁMICO) -->
```

```
[[GitHub Stars](https://img.shields.io/github/stars/{vendor}/{repo}?style=social)](https://github.com/{vendor}/{repo}/stargazers)
```

```
<!-- Forks (DINÁMICO) -->
```

```
[[GitHub Forks](https://img.shields.io/github/forks/{vendor}/{repo}?style=social)](https://github.com/{vendor}/{repo}/network/members)
```

```
<!-- Watchers (DINÁMICO) -->
```

```
[[GitHub Watchers](https://img.shields.io/github/watchers/{vendor}/{repo}?style=social)](https://github.com/{vendor}/{repo}/watchers)
```

```
<!-- Contributors (DINÁMICO) -->
```

```
[[Contributors](https://img.shields.io/github/contributors/{vendor}/{repo})](https://github.com/{vendor}/{repo}/graphs/contributors)
```

```
<!-- Discussions (DINÁMICO) -->
[[[GitHub
Discussions](https://img.shields.io/github/discussions/{vendor}/{repo})](https://github.com/{v
endor}/{repo}/discussions)

<!-- Sponsors -->
[[[GitHub
Sponsors](https://img.shields.io/github/sponsors/{vendor}?logo=github)](https://github.com/spo
nsors/{vendor})

<!-- Discord -->
[[[Discord](https://img.shields.io/discord/{server_id}?logo=discord&label=Discord)](https://di
scord.gg/{invite_code})

<!-- Slack -->
[[[Slack](https://img.shields.io/badge/Slack-Join-
4A154B?logo=slack)](https://join.slack.com/...))

<!-- Twitter -->
[[[Twitter
Follow](https://img.shields.io/twitter/follow/{handle}?style=social)](https://twitter.com/{han
dle})
```

---

## 10. Seguridad

```
<!-- Snyk (DINÁMICO) -->
[[[Known
Vulnerabilities](https://snyk.io/test/github/{vendor}/{repo}/badge.svg)](https://snyk.io/test/
github/{vendor}/{repo})

<!-- Dependabot (manual) -->
[[[Dependabot](https://img.shields.io/badge/Dependabot-enabled-
success?logo=dependabot)](https://github.com/{vendor}/{repo}/network/dependencies)

<!-- Security Policy (manual) -->
[[[Security Policy](https://img.shields.io/badge/Security-Policy-
```

```

blue)](https://github.com/{vendor}/{repo}/security/policy)

<!-- OSSF Best Practices (DINÁMICO tras registro) -->
[[OpenSSF Best
Practices](https://bestpractices.coreinfrastructure.org/projects/{project_id}/badge)](https://
bestpractices.coreinfrastructure.org/projects/{project_id})

<!-- OSSF Scorecard -->
[[OpenSSF
Scorecard](https://api.securityscorecards.dev/projects/github.com/{vendor}/{repo}/badge)](http
s://api.securityscorecards.dev/projects/github.com/{vendor}/{repo})

```

### Configuración Snyk:

1. Crear cuenta en <https://snyk.io/>
2. Conectar repositorio
3. Badge aparece automáticamente

**Costo:** Gratuito para repos open source

## 11. Documentación

```

<!-- ReadTheDocs (DINÁMICO) -->
[[Documentation](https://readthedocs.org/projects/{project}/badge/?version=latest)](https://{
project}.readthedocs.io/en/latest/)

<!-- GitHub Pages (manual) -->
[[Documentation](https://img.shields.io/badge/docs-GitHub%20Pages-
blue?logo=github)](https://{vendor}.github.io/{repo}/)

<!-- Wiki (manual) -->
[[Wiki](https://img.shields.io/badge/docs-Wiki-
blue?logo=github)](https://github.com/{vendor}/{repo}/wiki)

<!-- Gitbook -->
[[Gitbook](https://img.shields.io/badge/docs-Gitbook-
blue?logo=gitbook&logoColor=white)](https://{organization}.gitbook.io/{project}/)

<!-- Badge de "docs" personalizado -->

```

[[Documentation](https://img.shields.io/badge/docs-latest-blue)](https://docs.{domain}.com)

# Servicios Externos Recomendados

Servicio	Propósito	URL	API Key	Costo OSS	Configuración
<b>Packagist</b>	Stats de paquetes PHP	<a href="https://packagist.org/">https://packagist.org/</a>	No	Gratis	Automático tras publish
<b>Codecov</b>	Code Coverage	<a href="https://codecov.io/">https://codecov.io/</a>	Sí	Gratis	Token en GitHub Secrets
<b>Code Climate</b>	Calidad de código	<a href="https://codeclimate.com/">https://codeclimate.com/</a>	Sí	Gratis	Conectar repo + <code>.codeclimate.yml</code>
<b>Scrutinizer</b>	Análisis estático	<a href="https://scrutinizer-ci.com/">https://scrutinizer-ci.com/</a>	No	Gratis	Conectar + <code>.scrutinizer.yml</code>
<b>SonarCloud</b>	Análisis de seguridad	<a href="https://sonarcloud.io/">https://sonarcloud.io/</a>	Sí	Gratis	<code>sonar-project.properties</code>
<b>Snyk</b>	Vulnerabilidades	<a href="https://snyk.io/">https://snyk.io/</a>	Sí	Gratis	Conectar repositorio
<b>Shields.io</b>	Badges personalizados	<a href="https://shields.io/">https://shields.io/</a>	No	Gratis	-
<b>RepoStatus.org</b>	Estado del proyecto	<a href="https://www.repostatus.org/">https://www.repostatus.org/</a>	No	Gratis	-
<b>OSSF</b>	Security Scorecard	<a href="https://securityscorecards.dev/">https://securityscorecards.dev/</a>	No	Gratis	Configurar workflow

## Ejemplos Completos por Tipo de Proyecto

### Ejemplo 1: Paquete Laravel con Testing Completo

```
# Lara-Verifactu
```

> Paquete Laravel para integración con el sistema VeriFactu de la AEAT

```
[![Latest Version](https://img.shields.io/packagist/v/aichadigital/lara-verifactu?style=flat-square)](https://packagist.org/packages/aichadigital/lara-verifactu)
[![Total Downloads](https://img.shields.io/packagist/dt/aichadigital/lara-verifactu?style=flat-square)](https://packagist.org/packages/aichadigital/lara-verifactu)
[![Tests](https://img.shields.io/github/actions/workflow/status/AichaDigital/lara-verifactu/run-tests.yml?branch=main&label=tests&style=flat-square)](https://github.com/AichaDigital/lara-verifactu/actions/workflows/run-tests.yml)
[![PHPStan Level 9](https://img.shields.io/badge/PHPStan-level%209-brightgreen?style=flat-square&logo=php)](https://phpstan.org/)
[![Code Coverage](https://img.shields.io/codecov/c/github/AichaDigital/lara-verifactu?style=flat-square&logo=codecov)](https://codecov.io/gh/AichaDigital/lara-verifactu)

[![PHP Version](https://img.shields.io/packagist/php-v/aichadigital/lara-verifactu?style=flat-square&logo=php)](https://packagist.org/packages/aichadigital/lara-verifactu)
[![Laravel Version](https://img.shields.io/badge/Laravel-11.x%20%7C%2012.x-red?style=flat-square&logo=laravel)](https://laravel.com)
[![License](https://img.shields.io/github/license/AichaDigital/lara-verifactu?style=flat-square)](LICENSE.md)
```

## Instalación

```
\```bash
composer require aichadigital/lara-verifactu
\```
```

## Ejemplo 2: Proyecto Laravel con Stack Completo

```
# Sistema de Subastas Online
```

> Plataforma empresarial para subastas en tiempo real

```
[![Project Status: Active](https://www.repostatus.org/badges/latest/active.svg)](https://www.repostatus.org/#active)
```

```
[![Maintenance](https://img.shields.io/maintenance/yes/2025?style=flat-square)](https://github.com/AichaDigital/subastas-app)
[![Tests](https://img.shields.io/github/actions/workflow/status/AichaDigital/subastas-app/tests.yml?branch=main&label=tests&style=flat-square)](https://github.com/AichaDigital/subastas-app/actions/workflows/tests.yml)
[![Last Commit](https://img.shields.io/github/last-commit/AichaDigital/subastas-app?style=flat-square)](https://github.com/AichaDigital/subastas-app/commits)
```

**\*\*Stack Tecnológico:\*\***

```
[![PHP 8.3](https://img.shields.io/badge/PHP-8.3-777BB4?style=flat-square&logo=php)](https://www.php.net/)
[![Laravel 12](https://img.shields.io/badge/Laravel-12.x-red?style=flat-square&logo=laravel)](https://laravel.com)
[![Livewire](https://img.shields.io/badge/Livewire-3.x-FB70A9?style=flat-square&logo=livewire)](https://livewire.laravel.com/)
```

**\*\*Infraestructura:\*\***

```
[![PostgreSQL](https://img.shields.io/badge/PostgreSQL-16-336791?style=flat-square&logo=postgresql)](https://www.postgresql.org/)
[![Redis](https://img.shields.io/badge/Redis-7.x-DC382D?style=flat-square&logo=redis&logoColor=white)](https://redis.io/)
[![RabbitMQ](https://img.shields.io/badge/RabbitMQ-3.x-FF6600?style=flat-square&logo=rabbitmq)](https://www.rabbitmq.com/)
[![Elasticsearch](https://img.shields.io/badge/Elasticsearch-8.x-005571?style=flat-square&logo=elasticsearch)](https://www.elastic.co/)

[![License: Proprietary](https://img.shields.io/badge/License-Proprietary-red?style=flat-square)](LICENSE.md)
```

## Ejemplo 3: Paquete PHP Standalone

```
# PHP-Utills
```

```
> Utilidades PHP para proyectos empresariales
```

```
[![Latest Version](https://img.shields.io/packagist/v/xerintel/php-utils?style=flat-
```

```
square)](https://packagist.org/packages/xerintel/php-utils)
[![PHP Version](https://img.shields.io/packagist/php-v/xerintel/php-utils?style=flat-square&logo=php)](https://www.php.net/)
[![Tests](https://img.shields.io/github/actions/workflow/status/xerintel/php-utils/tests.yml?branch=main&label=tests&style=flat-square)](https://github.com/xerintel/php-utils/actions/workflows/tests.yml)
[![PHPStan Level 8](https://img.shields.io/badge/PHPStan-level%208-brightgreen?style=flat-square&logo=php)](https://phpstan.org/)
[![License: MIT](https://img.shields.io/badge/License-MIT-yellow?style=flat-square)](LICENSE.md)
```

## Ejemplo 4: Proyecto con Monitorización y Seguridad

```
# Enterprise CRM

[![Active](https://www.repostatus.org/badges/latest/active.svg)](https://www.repostatus.org/#active)
[![Tests](https://img.shields.io/github/actions/workflow/status/empresa/crm/tests.yml?branch=main&style=flat-square)](https://github.com/empresa/crm/actions)
[![Security](https://snyk.io/test/github/empresa/crm/badge.svg?style=flat-square)](https://snyk.io/test/github/empresa/crm)

**Calidad:**

[![Code Coverage](https://img.shields.io/codecov/c/github/empresa/crm?style=flat-square)](https://codecov.io/gh/empresa/crm)
[![Maintainability](https://api.codeclimate.com/v1/badges/ABC123/maintainability)](https://codeclimate.com/github/empresa/crm)
[![Quality Gate](https://sonarcloud.io/api/project_badges/measure?project=empresa_crm&metric=alert_status)](https://sonarcloud.io/dashboard?id=empresa_crm)

**Stack:**

[![Laravel 12](https://img.shields.io/badge/Laravel-12.x-red?style=flat-square&logo=laravel)](https://laravel.com)
[![Vue.js 3](https://img.shields.io/badge/Vue.js-3.x-4FC08D?style=flat-
```

```
square&logo=vue.js)](https://vuejs.org/)
```

```
[![MySQL 8](https://img.shields.io/badge/MySQL-8.0-4479A1?style=flat-
```

```
square&logo=mysql)](https://www.mysql.com/)
```

# Soluciones Especiales

## Badge Dinámico para PHPStan (Solución Custom)

Como PHPStan no ofrece badges dinámicos oficiales, aquí hay una solución mediante GitHub Actions:

### Opción 1: Badge con GitHub Actions Status

```
# .github/workflows/phpstan-badge.yml
name: PHPStan Badge

on:
  push:
    branches: [main]
  pull_request:

jobs:
  phpstan:
    name: PHPStan Level Check
    runs-on: ubuntu-latest

    steps:
      - uses: actions/checkout@v4

      - name: Setup PHP
        uses: shivammathur/setup-php@v2
        with:
          php-version: 8.3
```

- name: Install dependencies  
run: composer install --no-interaction
- name: Run PHPStan  
run: vendor/bin/phpstan analyse --no-progress

### Badge a usar:

```
[[PHPStan](https://img.shields.io/github/actions/workflow/status/{vendor}/{repo}/phpstan-badge.yml?branch=main&label=PHPStan%20Level%209&style=flat-square)](https://github.com/{vendor}/{repo}/actions/workflows/phpstan-badge.yml)
```

## Opción 2: Badge Dinámico con Gist (Avanzado)

```
# .github/workflows/phpstan-dynamic-badge.yml
name: PHPStan Dynamic Badge

on:
  push:
    branches: [main]

jobs:
  badge:
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v4

      - name: Setup PHP
        uses: shivammathur/setup-php@v2
        with:
          php-version: 8.3

      - name: Install dependencies
        run: composer install --no-interaction

      - name: Extract PHPStan Level
        id: level
```

```

run: |
  if [ -f phpstan.neon ]; then
    LEVEL=$(grep -oP "level: \K\d+" phpstan.neon || echo "0")
  elif [ -f phpstan.neon.dist ]; then
    LEVEL=$(grep -oP "level: \K\d+" phpstan.neon.dist || echo "0")
  else
    LEVEL="0"
  fi
  echo "level=$LEVEL" >> $GITHUB_OUTPUT
  echo "PHPStan Level: $LEVEL"

- name: Create Badge
  uses: schneegans/dynamic-badges-action@v1.7.0
  with:
    auth: ${ secrets.GIST_SECRET }
    gistID: YOUR_GIST_ID_HERE
    filename: phpstan-${ github.event.repository.name }.json
    label: PHPStan
    message: level ${ steps.level.outputs.level }
    color: brightgreen

```

## Configuración:

1. Crear un GitHub Personal Access Token con scope `gist`
2. Añadirlo a GitHub Secrets como `GIST_SECRET`
3. Crear un Gist público en <https://gist.github.com/>
4. Copiar el Gist ID (última parte de la URL)
5. Reemplazar `YOUR_GIST_ID_HERE` en el workflow

## Badge a usar:

```

[[PHPStan](https://img.shields.io/endpoint?url=https://gist.githubusercontent.com/{username}/{gist_id}/raw/phpstan-{repo}.json&style=flat-square)](https://phpstan.org/)

```

## Opción 3: Badge Manual (Más simple)

Si prefieres simplicidad, actualiza manualmente el badge cuando cambies el level:

```

<!-- Level 0 (rojo) -->
[[PHPStan Level 0](https://img.shields.io/badge/PHPStan-level%20-red.svg?style=flat-

```

```
square&logo=php)](https://phpstan.org/)
```

```
<!-- Level 5 (verde) -->
```

```
[[[PHPStan Level 5](https://img.shields.io/badge/PHPStan-level%205-green.svg?style=flat-square&logo=php)](https://phpstan.org/)]
```

```
<!-- Level 8 (verde brillante) -->
```

```
[[[PHPStan Level 8](https://img.shields.io/badge/PHPStan-level%208-brightgreen.svg?style=flat-square&logo=php)](https://phpstan.org/)]
```

```
<!-- Level 9 / Max (verde brillante) -->
```

```
[[[PHPStan Level 9](https://img.shields.io/badge/PHPStan-level%209-brightgreen.svg?style=flat-square&logo=php)](https://phpstan.org/)]
```

```
[[[PHPStan Max](https://img.shields.io/badge/PHPStan-level%20max-brightgreen.svg?style=flat-square&logo=php)](https://phpstan.org/)]
```

### Colores recomendados por level:

- Level 0-2: `red`
- Level 3-4: `orange` o `yellow`
- Level 5-6: `yellowgreen` o `green`
- Level 7-9: `brightgreen`

## Badges Personalizados con Shields.io

Para crear badges totalmente personalizados:

```
<!-- Badge estático simple -->
```

```
[[[Custom](https://img.shields.io/badge/{label}-{message}-{color})](https://example.com)]
```

```
<!-- Ejemplos reales -->
```

```
[[[Hosted](https://img.shields.io/badge/Hosted-Proxmox-E57000?logo=proxmox)](https://www.proxmox.com/)]
```

```
[[[Monitoring](https://img.shields.io/badge/Monitoring-Zabbix-D20000?logo=zabbix)](https://www.zabbix.com/)]
```

```
[[[Stack](https://img.shields.io/badge/Stack-LEMP-339933)](https://www.nginx.com/)]
```

```
<!-- Badge con endpoint dinámico -->
```

```
[[[Dynamic](https://img.shields.io/endpoint?url=https://your-
```

```
api.com/badge.json)](https://example.com)
```

### Formato del endpoint JSON:

```
{
  "schemaVersion": 1,
  "label": "PHPStan",
  "message": "level 9",
  "color": "brightgreen",
  "logoSvg": "<svg>...</svg>"
}
```

**Documentación completa:** <https://shields.io/>

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# Checklist de Configuración

## Requisitos Básicos

- Repositorio público en GitHub
- Archivo `LICENSE.md` presente
- Archivo `README.md` con badges
- `.gitignore` configurado
- `composer.json` con metadatos completos

## Para Paquetes Packagist

- Publicado en <https://packagist.org/>
- `composer.json` con:
  - `name` correcto
  - `description` clara
  - `license` especificada
  - `require` con versiones de PHP
  - `autoload` configurado

- Tags/Releases versionados (semver)

## Para GitHub Actions

- Workflows en `.github/workflows/`
- Workflow para tests: `run-tests.yml`
- Workflow para code style: `fix-php-code-style-issues.yml`
- Workflow para PHPStan: `phpstan.yml`
- Secrets configurados (si se requieren)

## Para Code Coverage

- Cuenta en Codecov.io vinculada
- Token añadido a GitHub Secrets: `CODECOV_TOKEN`
- Workflow configurado para subir coverage
- Tests generan archivo `coverage.xml`

## Para Calidad de Código

- Code Climate:
  - Repo conectado
  - `.codeclimate.yml` configurado
  - Badge ID obtenido
- Scrutinizer:
  - Repo conectado
  - `.scrutinizer.yml` configurado
- SonarCloud:
  - Proyecto configurado
  - `sonar-project.properties` creado
  - Project key obtenido

## Para Seguridad

- Snyk vinculado al repositorio
- Dependabot habilitado

- `SECURITY.md` presente
- Vulnerabilities monitorizadas

## Para Testing

- Tests unitarios con PHPUnit o Pest
- PHPStan configurado (`phpstan.neon`)
- Code style configurado (Pint, PHP-CS-Fixer)
- Coverage mínimo definido

## Documentación

- `README.md` completo
  - `CONTRIBUTING.md` (si es open source)
  - `CHANGELOG.md` mantenido
  - PHPDoc en código
  - Wiki o docs externas (opcional)
- 

## Referencias y Recursos

### Documentación Oficial

- **Shields.io:** <https://shields.io/>
- **Packagist:** <https://packagist.org/about>
- **GitHub Actions:** <https://docs.github.com/en/actions>
- **RepoStatus:** <https://www.repostatus.org/>

### Servicios de Calidad

- **Codecov:** <https://docs.codecov.com/>
- **Code Climate:** <https://docs.codeclimate.com/>
- **Scrutinizer:** <https://scrutinizer-ci.com/docs/>
- **SonarCloud:** <https://docs.sonarcloud.io/>

## Herramientas de Testing

- **PHPStan**: <https://phpstan.org/user-guide/getting-started>
- **Pest**: <https://pestphp.com/docs/>
- **PHPUnit**: <https://phpunit.de/documentation.html>
- **Laravel Pint**: <https://laravel.com/docs/11.x/pint>

## Seguridad

- **Snyk**: <https://docs.snyk.io/>
- **Dependabot**: <https://docs.github.com/en/code-security/dependabot>
- **OSSF**: <https://github.com/ossf/scorecard>

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## Mantenimiento de este Documento

- **Responsable**: Abkrim
- **Frecuencia de revisión**: Trimestral
- **Última revisión**: 2026-06-22
- **Próxima revisión**: Septiembre 2026

## Historial de Cambios

Fecha	Versión	Cambios
2025-12-31	1.0	Creación del documento inicial
2026-06-22	1.1	Principio «un badge dinámico no debe poder mentir»; sección del skill <code>/ai-badges</code> ; AGPL-3.0 + criterio AGPL-core / MIT-librería; PHPStan y Laravel regenerados desde la fuente; licencia dinámica <code>packagist/L</code>

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## Soporte

Para dudas o sugerencias sobre esta guía:

1. Abrir issue en el repositorio del proyecto
2. Consultar con el equipo de desarrollo
3. Revisar documentación oficial de cada servicio

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**Fin del documento**

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