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/pack
ages/{vendor}/{package})

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

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

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

<!-- Licencia desde Packagist -->
[![License](https://img.shields.io/packagist/l/{vendor}/{package})](https://packagist.org/pack
ages/{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://co
decov.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_st
atus)](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_rating)](https://sonarcloud.io/dashboard?id={project_key})

<!-- Reliability Rating -->
[![Reliability
Rating](https://sonarcloud.io/api/project_badges/measure?project={project_key}&metric=reliability_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/#a
ctive)

<!-- 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/#mov
ed)

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

<!-- Unsupported: Funcional pero sin soporte -->
[![Unsupported](https://www.repostatus.org/badges/latest/unsupported.svg)](https://www.reposta
tus.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 vírica 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.c
om/{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
Packagist	Stats de paquetes PHP	https://packagist.org/	No	Gratis	Automático tras publish
Codecov	Code Coverage	https://codecov.io/	Sí	Gratis	Token en GitHub Secrets
Code Climate	Calidad de código	https://codeclimate.com/	Sí	Gratis	Conectar repo + `.codeclimate.yml`
Scrutinizer	Análisis estático	https://scrutinizer-ci.com/	No	Gratis	Conectar + `.scrutinizer.yml`
SonarCloud	Análisis de seguridad	https://sonarcloud.io/	Sí	Gratis	`sonar-project.properties`
Snyk	Vulnerabilidades	https://snyk.io/	Sí	Gratis	Conectar repositorio
Shields.io	Badges personalizados	https://shields.io/	No	Gratis	-
RepoStatus.org	Estado del proyecto	https://www.repostatus.org/	No	Gratis	-

Servicio	Propósito	URL	API Key	Costo OSS	Configuración
OSSF	Security Scorecard	https://securityscorecards.dev/	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-Utils

> 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/#a
```

```
ctive)
[![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

```yaml
# .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)

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

```yaml
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%200-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/

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

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 `/ai-badges`; AGPL-3.0 + criterio AGPL-core / MIT-librería; PHPStan y Laravel regenerados desde la fuente; licencia dinámica `packagist/l`

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

Fin del documento

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