The PHP stack of the Exponential ecosystem

The landing page of the PHP stack part of the ecosystem section - PHP versions, databases, web servers and engines, operating systems, the upstream projects Exponential uses and gives back to, and the standards and…

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The ecosystem lives "within the PHP stack". These pages describe the parts of that stack Exponential runs on and works with.

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The pages of this part

Page	What it answers
PHP versions	Which PHP versions run which release
Databases	The six supported databases in the project's order
Web servers and engines	Velocity, FrankenPHP and the traditional servers
Operating systems	The four tiers of operating system support
Upstream projects and forks	What Exponential uses and gives back to
Standards and tooling	PSR, coding standards, CI, quality checks

The stack in one table

Layer	Exponential 6.0.15	Source
Language	PHP 8.0 to 8.5 (PHP 7.4 usable without support)	`README.md`
Package manager	Composer, Packagist	`README.md`
Kernel libraries	expcomponents (`se7enxweb/expcomponents-*`), the fork of the Zeta Components, since 6.0.15	`composer.json`, expcomponents
Database	SQLite 3 (default), PostgreSQL, MongoDB, MariaDB, Oracle, MySQL	Database support
Server	Velocity (Qbix, FrankenPHP or PHP's built-in server), or Apache, Nginx, LiteSpeed, Caddy, IIS and others	`README.md`
Operating system	Almost any that runs PHP 8.0 or later	Operating system support
Search	The built-in search engine; Solr as an option	Search backends

Related pages

- Ecosystem: start here
- Requirements
- Hosting basics
- The PHP stack it stands on and gives back to
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