

VIII. Concurrency

“Scale out via the process model”



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What is concurrency?

- PHP processes run as **child processes** of Apache, started on demand as needed by request volume.
- JVM provides one massive uberprocess that reserves a large block of system resources and manages concurrency internally via **threads**.

The Twelve-Factor App

I. Codebase

II. Dependencies

III. Config

IV. Backing Services

V. Build, Release, Run

VI. Processes

VII. Port Binding

VIII. Concurrency

IX. Disposability

X. Dev/Prod Parity

XI. Logs

XII. Admin Processes