

X. Dev/Prod Parity

“Keep development, staging, and production as **similar** as possible”



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What is a dev/prod disparity?

Since the beginning of time, there have been substantial gaps between development and production.

- Time Gap: A developer may work on code that takes days, weeks, or even months to go into production.
- Personnel Gap: Developers write code, ops engineers deploy it.
- Tools Gap: Developers may be using a stack like Nginx, SQLite, and OS X, while the production deploy uses Apache, MySQL, and Linux.

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

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XI. Logs

XII. Admin Processes