X. Dev/Prod Parity

What is a dev/prod disparity?

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

- <u>Time Gap:</u> A developer may work on code that takes days, weeks, or even months to go into production.

- <u>Personnel Gap:</u> Developers write code, ops engineers deploy it.

- <u>Tools Gap:</u> Developers may be using a stack like Nginx, SQLite, and OS X, while the production deploy uses Apache, MySQL, and Linux.

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The twelve-factor app is designed for continuous deployment by keeping the gap between development and production small.

- <u>Time Gap:</u> A developer may write code and have it deployed hours or even just minutes later.

- <u>Personnel Gap:</u> Developers who wrote code are closely involved in deploying it and watching its behavior in production.

- <u>Tools Gap:</u> Keep development and production as similar as possible.