

The Twelve-Factor App

Introduction

- Use **declarative** formats for setup automation, to minimize time and cost for new developers joining the project;
- Have a **clean contract** with the underlying operating system, offering **maximum portability** between execution environments;
- Are suitable for **deployment** on modern **cloud platforms**, obviating the need for servers and systems administration;
- **Minimize divergence** between development and production, enabling **continuous deployment** for maximum agility;
- Can **scale up** without significant changes to tooling, architecture, or development practices.

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Motivation

- Raise awareness of **some systemic problems** seen in modern application development.
- Provide a **shared vocabulary** for discussing those problems.
- Offer a set of broad **conceptual solutions** to those problems with accompanying terminology.