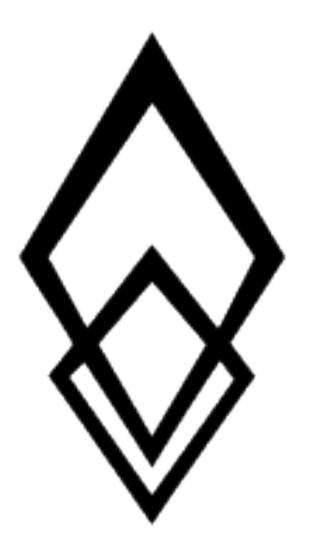# The Twelve-Factor App

- The **Twelve-Factor App** is a methodology for building software as a service applications.

- These **best practices** are designed to enable applications to be built with portability and resilience when deployed.

- The methodology was drafted by developers at **Heroku** in 2011.

- https://12factor.net

THE TWELVE-FACTOR APP

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.