

XII. Admin Processes

What is an admin process?

- An admin process is a one-off administrative or maintenance task for the app, such as:
 - Running **database migrations**.
 - Running a console (also known as a **REPL**¹ shell) to run arbitrary code or inspect the app's models against the live database.
 - Running **one-time scripts** committed into the app's repo.

¹REPL: Read-Evaluate-Print-Loop

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- One-off admin processes should be run in an **identical environment** as the regular long-running processes of the app.
- They run against a **release**, using the **same codebase** and **config** as any process run against that release.
- Admin code must **ship with application code** to avoid conflicts and synchronization issues.
- The **same dependency isolation** techniques should be used on all process types, e.g. gomodules, npm, virtualenv, ...etc.