

UNIX ENVIRONMENT VARIABLES

Architecture & Deployment

ArchiDep 25-26 main@6d21829

Speaker notes

Learn about environment variables, a powerful way to configure applications and processes in Unix-like operating systems.

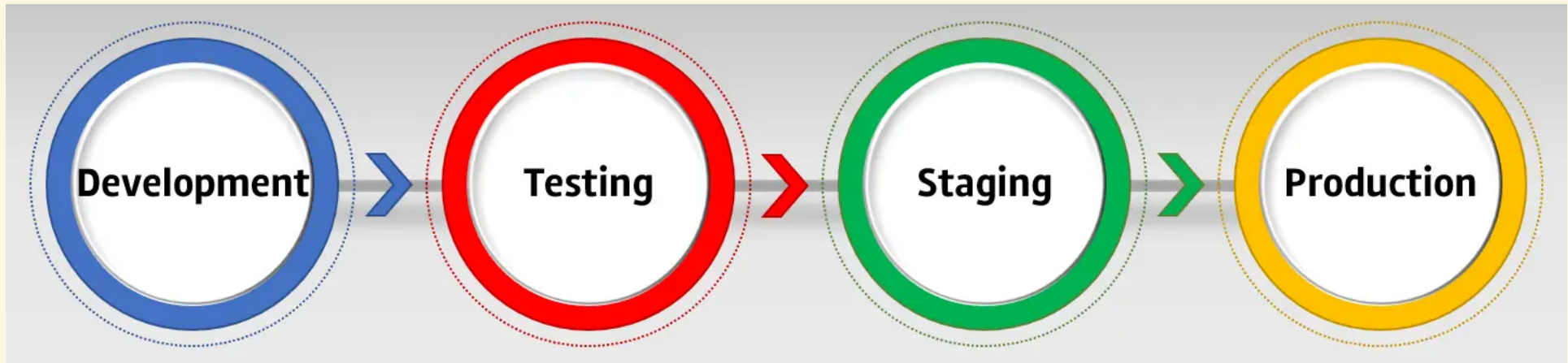
You will need

- A Unix CLI

Recommended reading

- [Unix Processes](#)

ENVIRONMENT



WHAT IS AN ENVIRONMENT?

A computer system or set of systems in which a program or component is **deployed and executed**.



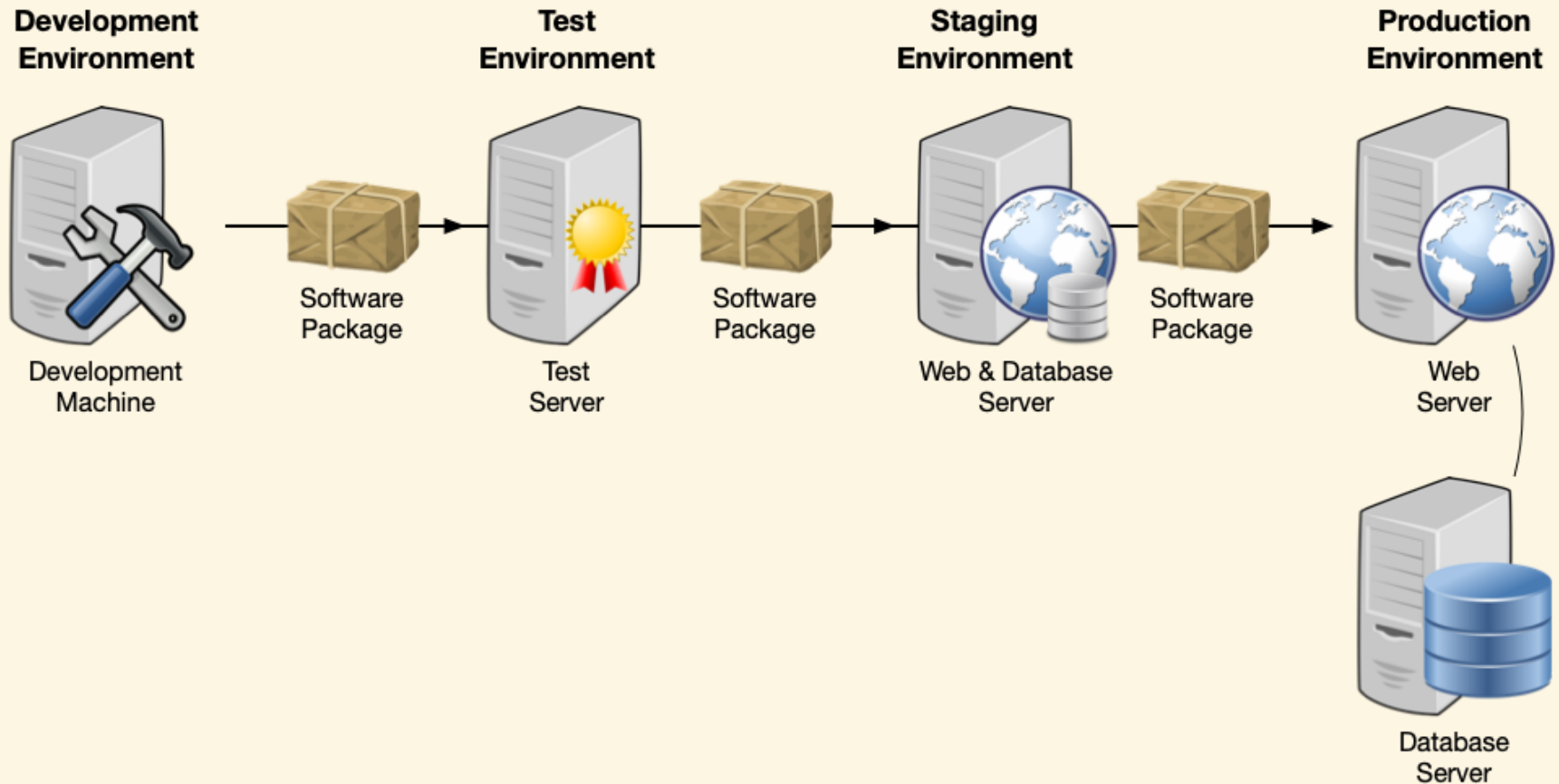
Local **development**
environment



Server **production**
environment

INDUSTRIAL DEPLOYMENT

Environments vary to suit different needs.



Speaker notes

In industrial use, the **development environment** (where changes are originally made) and **production environment** (what end users use) are separated, often with several stages in between.

The configuration of each environment may vary to suit the requirements of development, testing, production, etc.

CONTINUOUS DELIVERY/DEPLOYMENT (CD)



Speaker notes

When using [agile software development](#), teams are seeing much higher quantities of software releases.

[Continuous delivery](#) and [DevOps](#) are processes where a program is packaged and "moved" from one environment to the other (i.e. deployed) until it reaches the production stage.

Modern software development teams use automation to speed up this process.

