

Snapcraft 101

This 16-hour hands-on course, delivered over two days, covers the fundamentals of designing, building and running snaps, focusing almost exclusively on building snaps for Ubuntu Core with the most recent Snapcraft release. Additional topics in the course include publishing your snaps, as well as building custom Ubuntu Core images that can be run in virtual machines.

Topics include:

- The basics of snap technology
- Getting started with the "snap" command
- A whirlwind tour of Snapcraft build properties
- The snap security model
- File handling features of snap construction
- Working with snap runtime variables
- The proper use of snap plugins
- Writing and managing snap services
- Working with the snap-internal "snapctl" command
- Hook scripts and their usage
- Snap confinement management with interfaces
- Debugging snaps
- Publishing your snaps
- A high-level view of Ubuntu Core

- Building and running custom Ubuntu Core images with QEMU



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