



## ATELIERS

### Nom de l'atelier

**ROS 2 in production with snaps: strict confinement, OTA, A/B updates**

### Description

Canonical is providing a set of tools and tutorials to snap your ROS applications to make them ready for production. In this workshop, we will show you how to package an application as a snap and make it available on a store for distribution.

We will cover:

- How to build ROS snaps for a Turtlebot3.
- How to configure hardware interfaces to make sure your application has access to the right modules while keeping privileges to a minimum.
- How to manage OTA updates and safely fallback from a failed update.

Target Audience:

ROS 2 developers and robotics engineers looking to deploy applications reliably in production environments. Basic ROS 2 knowledge is assumed.

### Nom des formateurs et formatrices

Guillaume Beuzeboc (Canonical)

### Nombre de participant.e.s

30

### Langue

English

### Durée de l'atelier

4h

### Matériel

A laptop running Ubuntu

### Niveau attendu des participant.e.s

Beginners