

# Containing IoT Sensor Telemetry

<http://lect.europalab.com/coniotsen/>

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# Agenda

## Dive into IoT

- Sensor telemetry
- Actuator telecommand
- Computing device nodes
- Gateways and routing

## SDP Workflows

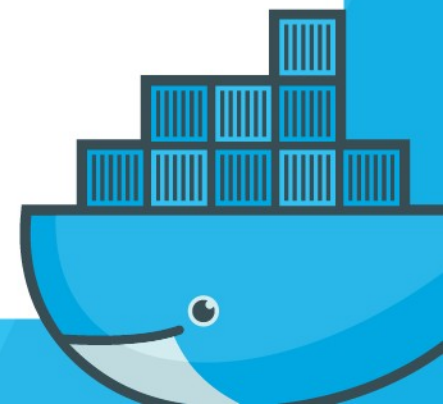
- Embedded challenges
- Computing node images
- Research and develop
- Deployment strategies

## Added Value

- Isolation and reliability
- Transports and protocols
- Maintenance reduction
- Data management

## Show and Tell

- ARMHF image tour
- Application layers
- Sensory data flows
- IoT service deployments



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# Dive Into IoT

**Defining the Internet of Things**

- Sensor telemetry
- Actuator telecommand
- Computing device nodes
- Gateways and routing



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# SDP Workflows

**Software Development Process  
departure from classic devops**

- Embedded challenges
- Computing node images
- Research and develop
- Deployment strategies



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# Adding Value

**Smart engineering of ubiquitous systems in contrast to containers**

- Isolation and reliability
- Transports and protocols
- Maintenance reduction
- Data management





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# Show and Tell

**Whirlwind tour of Docker assisted networks of cloudy sensor things**

- ARMHF image tour
- Application layers
- Sensory data flows
- IoT service deployments



# Thank you!

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