## Resource management for embedded multi-core platforms ince

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## CONTEXT

•ARTEMIS strategic research agenda •GENESYS (GENeric Embedded SYStem) Project

•Develop a cross-domain architecture for embedded systems

## MISSION

## Specify a *resource management*

framework to facilitate the application development:

•Provide generic services as basis for a multi-core resource manager

- •Dynamically adapt to changing context
- •Transparently optimize resource usage
- •Consider diverse application domains
- (mobile phones to safety-critical avionics)



APPROACH