

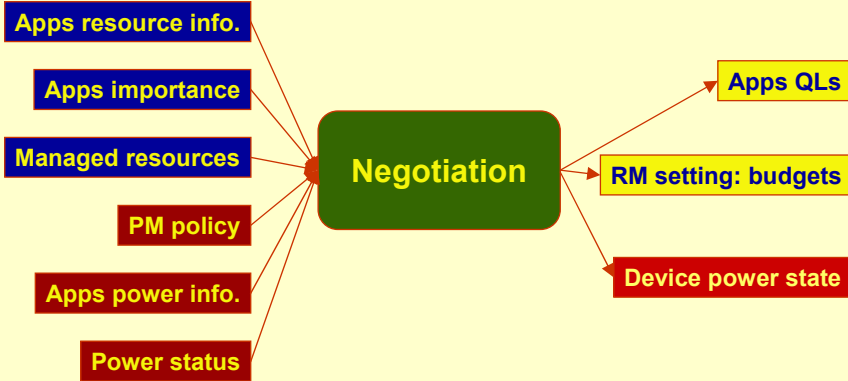
QoS and RM in a Component Framework: Power management

Alejandro Alonso
Universidad Politécnica de Madrid

Power Management in CB framework

- Goal: Optimize power consumption while meeting user (quality) requirements
- Integrated in a components framework:
 - ▶ Consider components power information
- Power affects the global system behaviour:
 - ▶ Quality Configuration, availability of resources, available QLs
- Power saving techniques:
 - ▶ Dynamic frequency and voltage scaling, hw devices power state.

Power Management : Integration



Power Management : Integration

