



## 9807-15 Self Updating Software

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# Project Overview



- why self updating?
  - installation: total cost of ownership
  - remote devices without interfaces
  - pervasive computing: mobility & change
- approach
  - automation: minimal user intervention
  - soundness: keep system safe & reliable
  - scalability: millions of objects

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## Progress Through June 2000

- updating objects
  - just-in-time transformation in OODB
  - design & prototype impl for CORBA ORB
- updating configurations
  - model-based autodetection & fix
  - implemented for Java, Windows exe
- intentional naming
  - modelling and analysis of INS