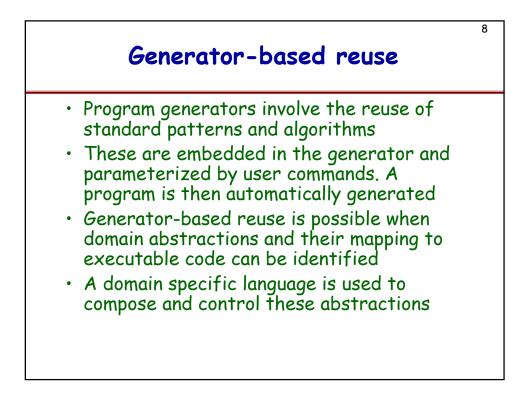
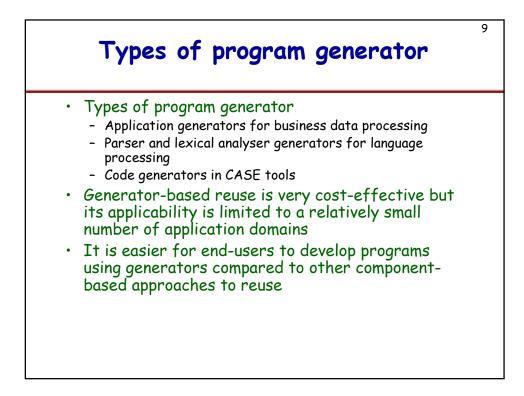
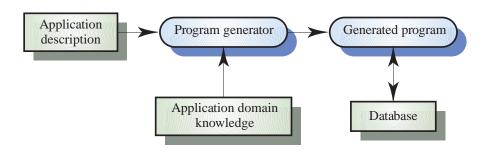


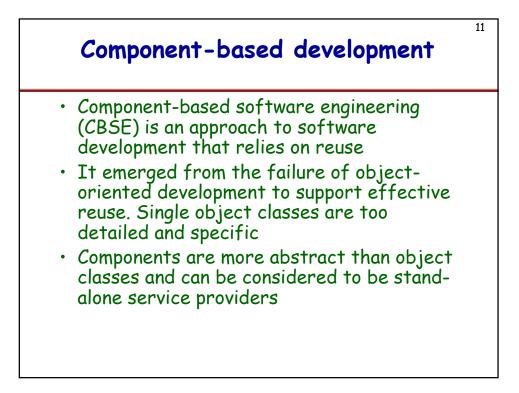
# Reuse problems Lack of tool support Not-invented-here syndrome Maintaining a component library Finding and adapting reusable components

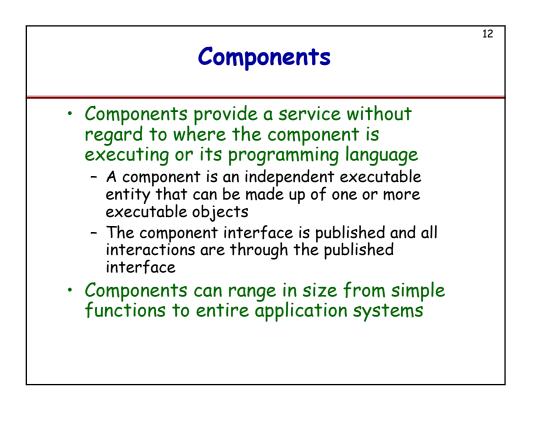


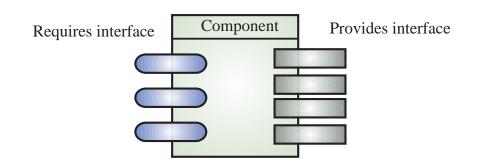


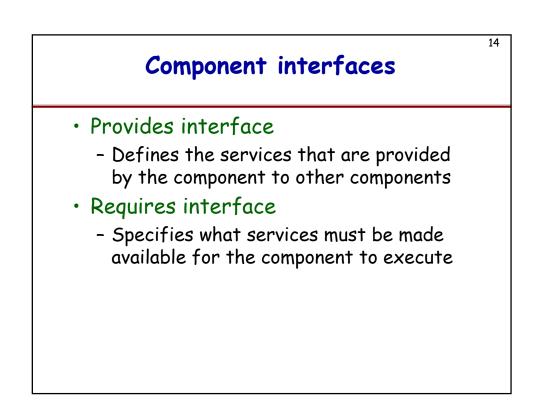
# Reuse through program generation



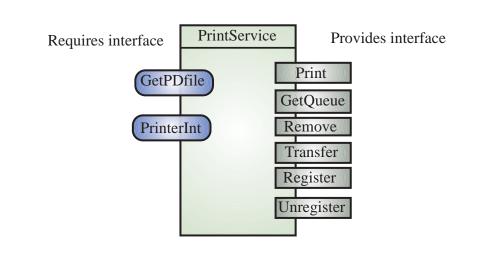


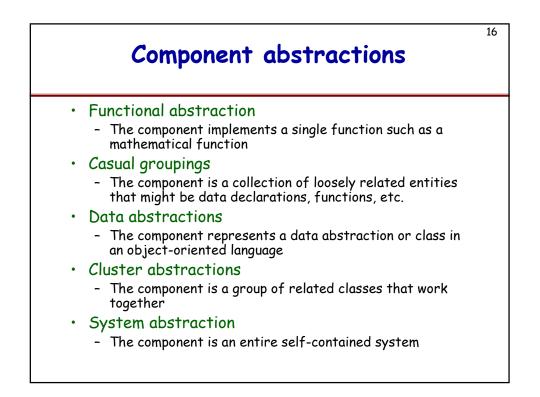


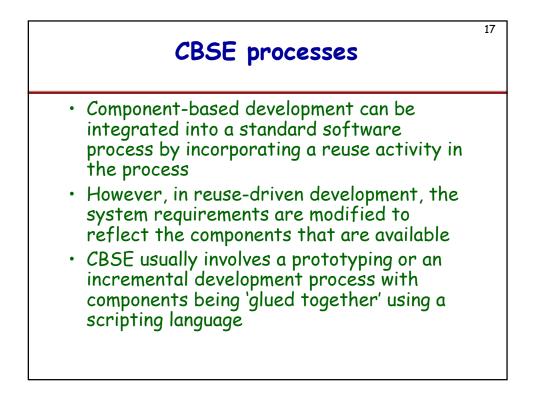


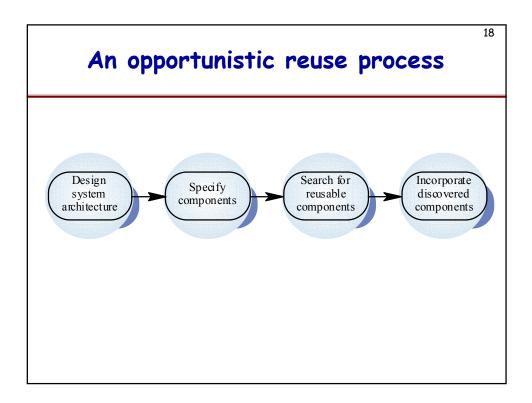


### Printing services component

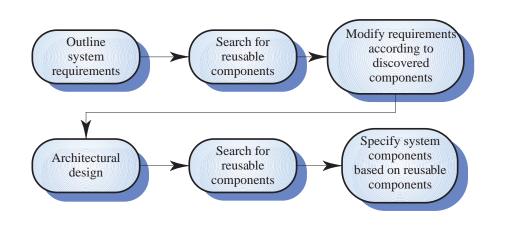


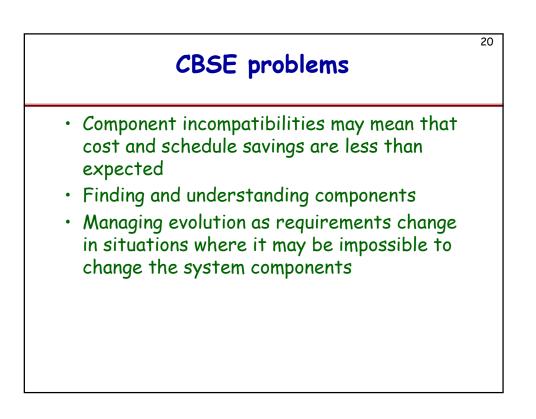


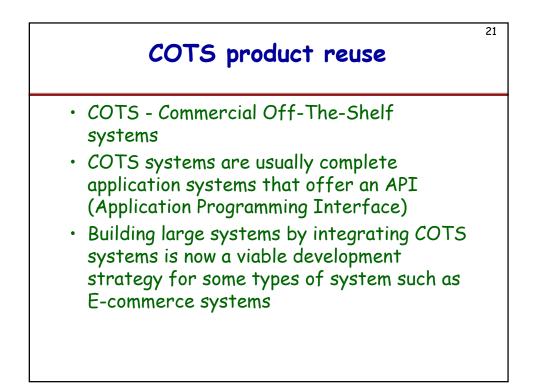


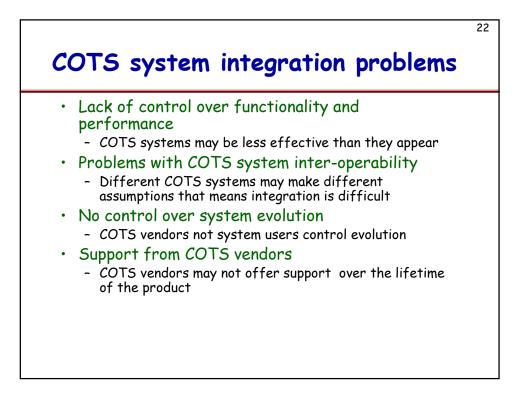


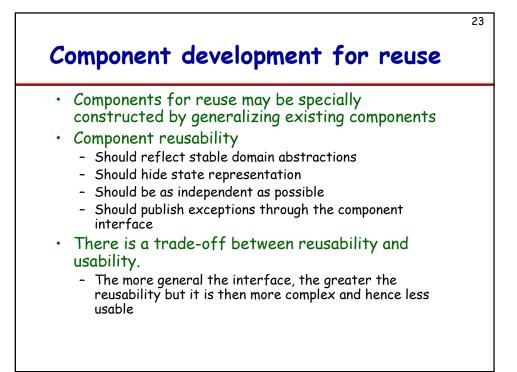
Development with reuse

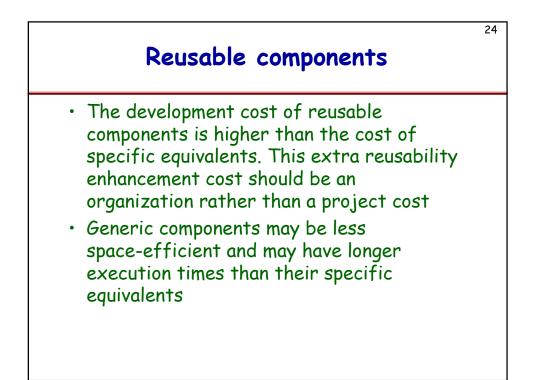


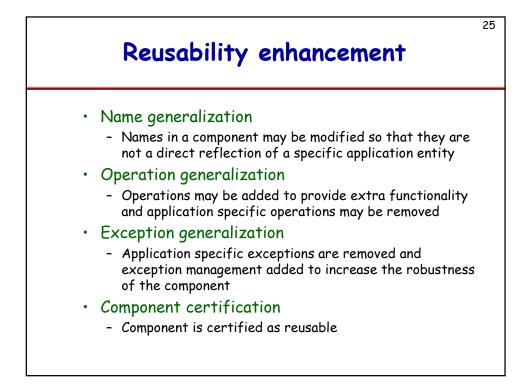




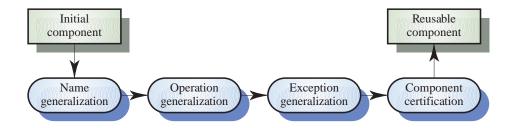


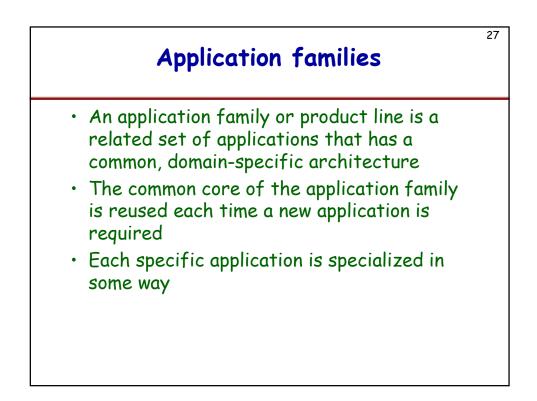


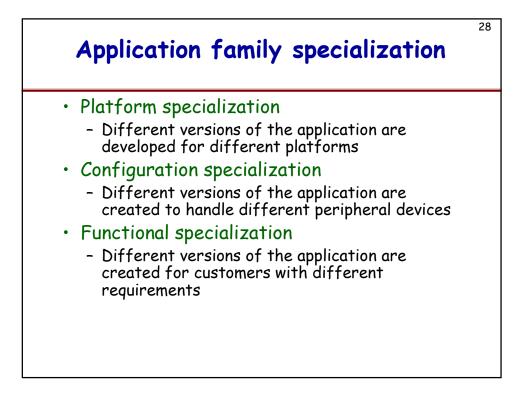




### **Reusability enhancement process**

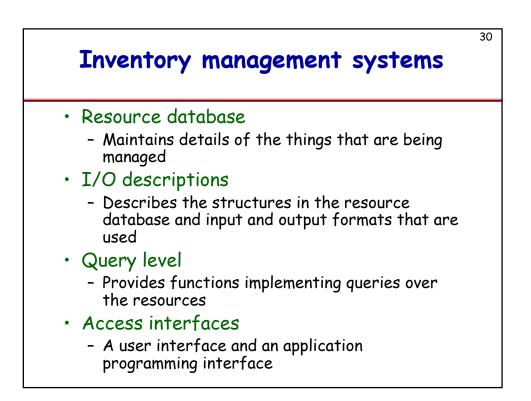


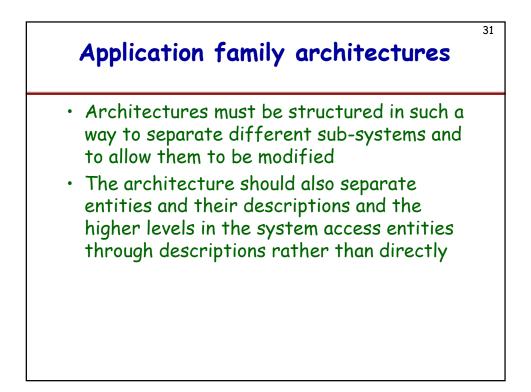




### A resource management system

User access Program access
Add     Delete     Query     Browse     Admin     Report
Resource desc.   Screen spec.   Report spec.
Resource database





## A library system

Library user access
Add Delete Query Browse Admin Report Issue Return Users
Resource desc. Screen spec. Report spec.
Library holdings database

