

Design with Reuse

- Building software from reusable components

Software reuse

- In most engineering disciplines, systems are designed by composing existing components that have been used in other systems
- Software engineering has focused on original development but it is now recognized that to achieve better software, more quickly and at lower cost, we need to adopt a design process that is based on systematic reuse

Benefits of reuse

- Increased reliability
 - Competees exercised i3rk i3sty

Reuse problems

- Lack of tool support
- Not-invented-here syndrome
- Maintaining a component library

Types of program generator

- Types of program generator
 - Application generators for business data processing



Component interfaces

Printing services component

Development with reuse



COTS product reuse





