Princeton University

COS 217: Introduction to Programming Systems

Assembler Assignment: Design Overview Key: Abstract Object Assembler Abstract Data Type calls calls Pass2 ElfGen Parser Pass1 .o file writes uses produces produces calls uses uses uses produces Program Lexer reads contains SymTable Section Instr contains contains (label, directive, mnemonic) contains LabelInfo RelRecord Arg (register, literal, symbol, string) Copyright © 2003 by Robert M. Dondero, Jr.