

Separately Assembled Files

- Re-usable modules
- Points to note:
 - only one file should have .startup and .exit
 - only one file should set up the stack (both modules will share the same stack)

Global Label Definition

- Unless stated otherwise – assembler assumes labels are local
- To declare them as global:
 - PUBLIC – use this when they are defined; makes the symbol global and keeps the definition for the linker.
 - EXTRN – use this when label is referenced.

- example (on board)

EXTRN formats

- EXTRN Name:Type
 - Type:
 - Byte, Word, Dword for data
 - Near, Far for procedures
 - or Proc, which defaults to Near for a small memory model.

- external procedure call example, Irvine P. 335

Building Program from Separate Files

- p. 336 example: