PROGRAMMING WITH AN IDE

Configuring An Integrated Development Environment

with Solutions and Projects

INTEGRATED DEVELOPMENT ENVIRONMENT

- Visual Studio is an integrated development environment (IDE)

    - Program editor

    - Compiler system

    - Debugger

    - Dynamic syntax checker

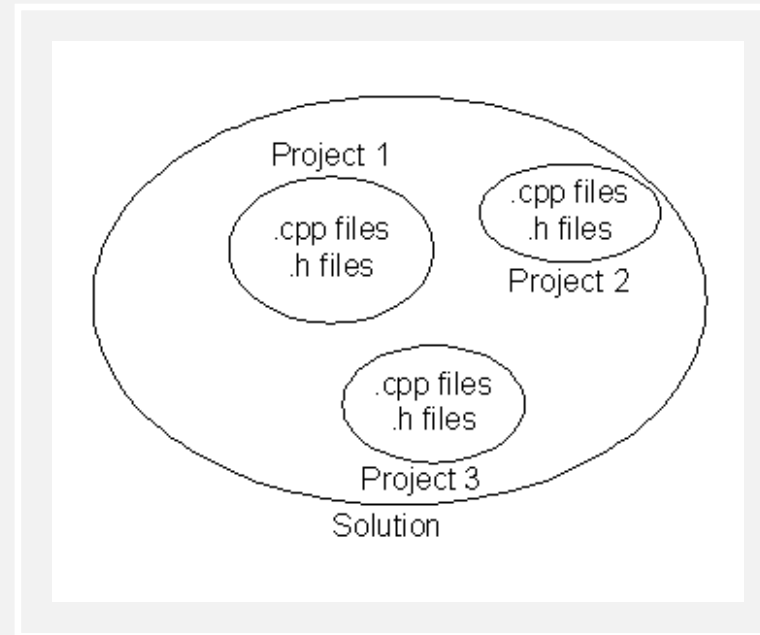   - Program launcher

    - More

PROJECTS

- A project is a set of one or more files

  - Must have one or more source code files (.cpp)

  - May have zero or more header files (.h)

- Each project is a single program

  - Don't try to put multiple programs in a single project

  - Exactly one function named "main"

- In Visual Studio, a project is a container – implemented as a directory or folder

SOLUTIONS

- Solutions are also a container

  - Contain one or more projects

  - Implemented as a directory or folder

  - Descriptive information contained in a .sln file

SOLUTION FILE STRUCTURE