# Project #4 – Server Dependency Structure

Only one copy of a version is held in the Repository even if used in multiple projects. The projects just link to that version with metadata references.

When a package is checked in the check-in is versioned and marked as open. While open any of the contents can be changed without re-versioning. However, no other package may link to an open check-in.

Once a check-in is closed the contents become immutable. Any changes have to be via check-ins of new versions.

**File1.h**
**Ver 1**

**File1.cpp**
**Ver 2**

**Pkg1Metadat.xml**
**Ver 2**

**File1.h**
**Ver 1**

**File1.cpp**
**Ver 1**

**Pkg1Metadat.xml**
**Ver 1**

**File2.h**
**Ver 1**

**File2.cpp**
**Ver 1**

**Pkg2Metadat.xml**
**Ver 1**

**File3.h**
**Ver 2**

**File3.cpp**
**Ver 2**

**Pkg3Metadat.xml**
**Ver 2**

**File3.h**
**Ver 1**

**File3.cpp**
**Ver 1**

**Pkg3Metadat.xml**
**Ver 1**