## In-Process Component Activation client calls CoInitialize() COM searches CLSID, registry, finds client calls interface InProcServer32 for CoCreateInstance() pIX CLSID and calls LoadLibrary() server DLL loaded, DIIMain() called COM calls GetProcAddress() for DIIGetClassObject() COM calls DIIGetClassObject() { DIIGetClassObject() pCLFactgets pointer to class factory in server DLL COM calls Class Factory creates class factory pIXinstance of object and createInstance() returns pointer to COM asking for pIX COM returns pointer to requested object pIX interface server responds to Client uses pointer to invocation access object's send and receive datainterface methods this is a synchronous call client calls release() object decrements on object's interface reference count if refence count = 0client calls server DLL is COM calls CoUninitialize() unloaded FreeLibrary() inproc server client COM