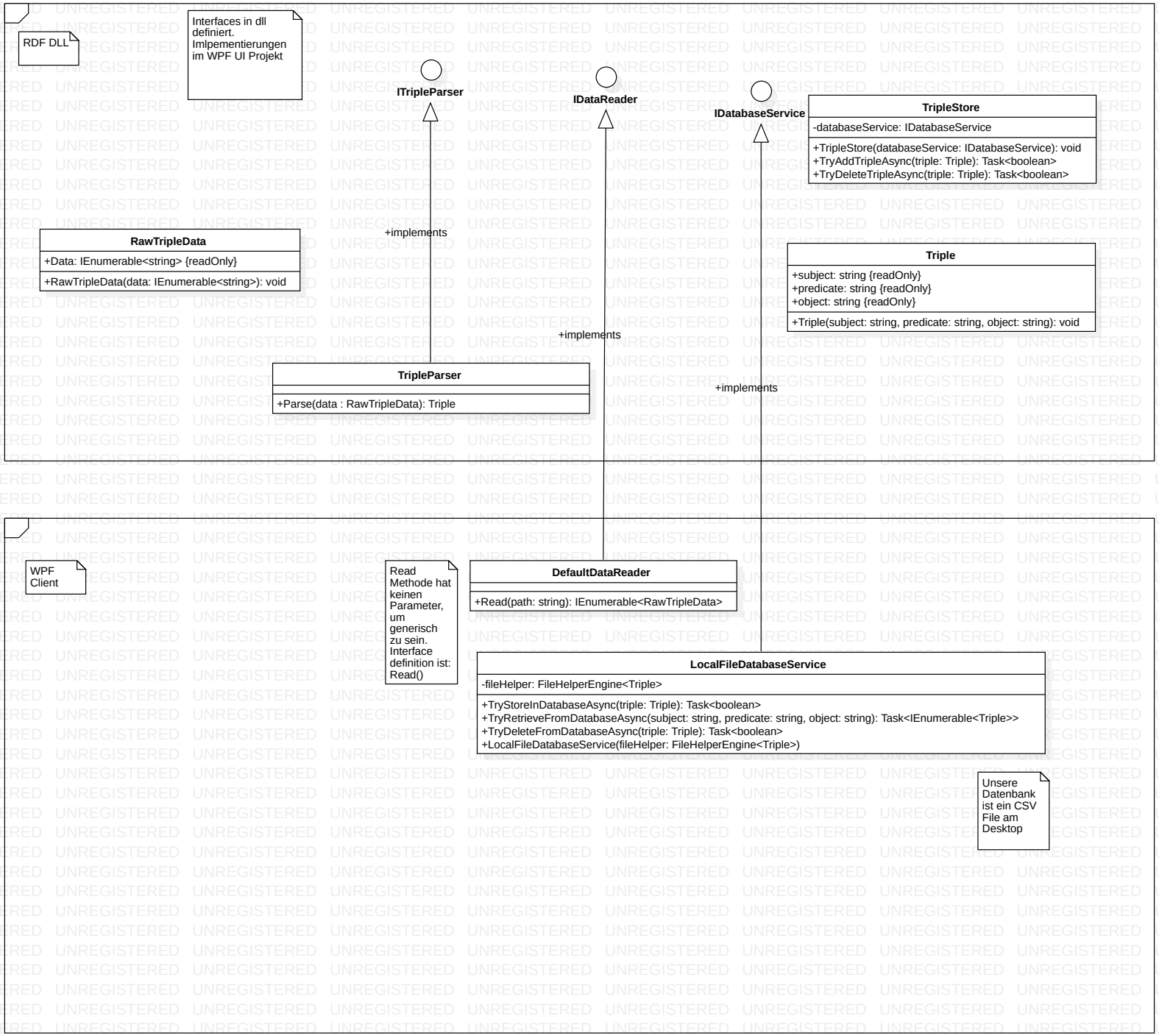
RDF DLL
Interfaces in dll definiert. Implementierungen im WPF UI Projekt
ITripleParser
IDataReader
IDatabaseService
TripleStore
-databaseService: IDatabaseService
+TripleStore(databaseService: IDatabaseService): void
+TryAddTripleAsync(triple: Triple): Task<boolean>
+TryDeleteTripleAsync(triple: Triple): Task<boolean>
+implements
RawTripleData
+Data: IEnumerable<string> {readOnly}
+RawTripleData(data: IEnumerable<string>): void
Triple
+subject: string {readOnly}
+predicate: string {readOnly}
+object: string {readOnly}
+Triple(subject: string, predicate: string, object: string): void
+implements
TripleParser
+Parse(data : RawTripleData): Triple
+implements
WPF Client
Read Methode hat keinen Parameter, um generisch zu sein. Interface definition ist: Read()
DefaultDataReader
+Read(path: string): IEnumerable<RawTripleData>
LocalFileDatabaseService
-fileHelper: FileHelperEngine<Triple>
+TryStoreInDatabaseAsync(triple: Triple): Task<boolean>
+TryRetrieveFromDatabaseAsync(subject: string, predicate: string, object: string): Task<IEnumerable<Triple>>
+TryDeleteFromDatabaseAsync(triple: Triple): Task<boolean>
+LocalFileDatabaseService(fileHelper: FileHelperEngine<Triple>)
Unsere Datenbank ist ein CSV File am Desktop