

The aim of this work is to design and implement a photo viewer program that can save user-defined metadata directly in photo files. That way, metadata will not be lost in case files are renamed or moved. Other goal of this work is to design a query language which can be used to search photos based on both the user defined metadata and existing file metadata. Created program should have a customizable user interface for viewing query results, editing user defined metadata and query editor which has a code-completion (IntelliSense) support.