

LInQ API

In this lab, we will experiment with Linq queries on a database of movies.

Overview

The project contains a file *Movies/Json.txt* that contains JSON encoded movie data.

Each line in the file contains a movie title, genre, year, rating, and cast. Review the file *MovieDb.cs*. This class deserializes the data into a list of *Movie* objects.

Note - the properties of *Movies/Json.txt* are set to copy the file to the output folder so that it is in the same directory as the application .exe.

Lab

In the top-level statements (*Program.cs*) experiment with queries

- How many movies did your favorite movie star appear in?
- What is the oldest movie with your star?
- What is the most recent?
- Did your favorite star appear in any movies with another favorite?
- Create a new list of just G rated movies with just the title, year, and first cast member
- etc...