

# MovieDatabase

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## 1 Class Index

### 1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

<b>Database</b>	<b><a href="#">2</a></b>
<b>DBManager</b>	<b><a href="#">7</a></b>
<b>MyTokenizer</b>	<b><a href="#">10</a></b>
<b>Query</b>	<b><a href="#">11</a></b>
<b>GenreYearQuery</b>	<b><a href="#">9</a></b>
<b>RatingTimeQuery</b>	<b><a href="#">13</a></b>
<b>TitleActorQuery</b>	<b><a href="#">18</a></b>
<b>Record</b>	<b><a href="#">14</a></b>

## 2 Class Index

### 2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

<b><a href="#">Database</a></b>	<b><a href="#">2</a></b>
<b><a href="#">DBManager</a></b>	<b><a href="#">7</a></b>
<b><a href="#">GenreYearQuery</a></b>	<b><a href="#">9</a></b>
<b><a href="#">MyTokenizer</a></b>	<b><a href="#">10</a></b>
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<b><a href="#">RatingTimeQuery</a></b>	<b><a href="#">13</a></b>
<b><a href="#">Record</a></b>	<b><a href="#">14</a></b>
<b><a href="#">TitleActorQuery</a></b>	<b><a href="#">18</a></b>

## 3 File Index

### 3.1 File List

Here is a list of all files with brief descriptions:

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## 4 Class Documentation

### 4.1 Database Class Reference

```
#include <Database.h>
```

Collaboration diagram for Database:

#### Public Member Functions

- string [getDatabaseName](#) () const
- void [setDatabaseName](#) (string newName)
- void [findMatch](#) (string stringToMatch, const map< string, set< int > > &indexToLookIn, set< int > &resultsToReturn) const
- void [findMatchInt](#) (int intToMatch, const map< int, set< int > > &indexToLookIn, set< int > &resultsToReturn) const
- void [first](#) () const
- void [next](#) () const
- void [previous](#) () const
- void [last](#) () const
- void [current](#) () const
- [vecSizeType](#) [size](#) () const

- void [queryTime](#) (int runningTimeQuery, set< int > &resultSet) const
- void [queryYear](#) (int yearQuery, set< int > &resultSet) const
- void [queryActor](#) (string actorQuery, set< int > &resultSet) const
- void [queryRating](#) (string ratingQuery, set< int > &resultSet) const
- void [queryGenre](#) (string genreQuery, set< int > &resultSet) const
- void [queryTitle](#) (string titleQuery, set< int > &resultSet) const
- void [buildIndices](#) ()
- void [importRecords](#) (char \*filename)
- void [insertRecord](#) (string &recordAsString)
- [Record](#) & [operator\[\]](#) (int x)
- const [Record](#) & [operator\[\]](#) (int x) const
- [Database](#) ()
- virtual [~Database](#) ()

### Static Public Attributes

- static [vecSizeType](#) [currentPosition](#) = 0

#### 4.1.1 Detailed Description

Definition at line 20 of file Database.h.

#### 4.1.2 Constructor & Destructor Documentation

##### 4.1.2.1 Database::Database ( )

Definition at line 305 of file Database.cpp.

##### 4.1.2.2 Database::~Database ( ) [virtual]

Definition at line 309 of file Database.cpp.

#### 4.1.3 Member Function Documentation

##### 4.1.3.1 void Database::buildIndices ( )

Definition at line 59 of file Database.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

**4.1.3.2 void Database::current ( ) const**

Definition at line 50 of file Database.cpp.

Here is the caller graph for this function:

**4.1.3.3 void Database::findMatch ( string *stringToMatch*, const map< string, set< int > > & *indexToLookIn*, set< int > & *resultsToReturn* ) const**

Definition at line 164 of file Database.cpp.

Here is the caller graph for this function:

**4.1.3.4 void Database::findMatchInt ( int *intToMatch*, const map< int, set< int > > & *indexToLookIn*, set< int > & *resultsToReturn* ) const**

Definition at line 194 of file Database.cpp.

Here is the caller graph for this function:

**4.1.3.5 void Database::first ( ) const**

Definition at line 26 of file Database.cpp.

Here is the caller graph for this function:

**4.1.3.6 string Database::getDatabaseName ( ) const**

Definition at line 291 of file Database.cpp.

**4.1.3.7 void Database::importRecords ( char \* *filename* )**

Definition at line 250 of file Database.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

**4.1.3.8 void Database::insertRecord ( string & *recordAsString* )**

Definition at line 295 of file Database.cpp.

Here is the caller graph for this function:

**4.1.3.9 void Database::last ( ) const**

Definition at line 46 of file Database.cpp.

Here is the caller graph for this function:

**4.1.3.10 void Database::next ( ) const**

Definition at line 30 of file Database.cpp.

Here is the caller graph for this function:

**4.1.3.11 const Record & Database::operator[] ( int x ) const**

Definition at line 302 of file Database.cpp.

**4.1.3.12 Record & Database::operator[] ( int x )**

Definition at line 299 of file Database.cpp.

**4.1.3.13 void Database::previous ( ) const**

Definition at line 38 of file Database.cpp.

Here is the caller graph for this function:

**4.1.3.14 void Database::queryActor ( string actorQuery, set< int > & resultSet ) const**

Definition at line 233 of file Database.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

**4.1.3.15 void Database::queryGenre ( string genreQuery, set< int > & resultSet ) const**

Definition at line 226 of file Database.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:



**4.1.3.16 void Database::queryRating ( string *ratingQuery*, set< int > & *resultSet* ) const**

Definition at line 236 of file Database.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

**4.1.3.17 void Database::queryTime ( int *runningTimeQuery*, set< int > & *resultSet* ) const**

Definition at line 239 of file Database.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

**4.1.3.18 void Database::queryTitle ( string *titleQuery*, set< int > & *resultSet* ) const**

Definition at line 242 of file Database.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

**4.1.3.19 void Database::queryYear ( int *yearQuery*, set< int > & *resultSet* ) const**

Definition at line 230 of file Database.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

**4.1.3.20 void Database::setDatabaseName ( string *newName* )**

Definition at line 287 of file Database.cpp.

Here is the caller graph for this function:

**4.1.3.21 vecSizeType Database::size ( ) const**

Definition at line 284 of file Database.cpp.

Here is the caller graph for this function:

#### 4.1.4 Member Data Documentation

##### 4.1.4.1 vecSizeType Database::currentPosition = 0 [static]

Definition at line 41 of file Database.h.

The documentation for this class was generated from the following files:

- /Users/gina/Documents/workspace2/MovieDatabase/src/[Database.h](#)
- /Users/gina/Documents/workspace2/MovieDatabase/src/[Database.cpp](#)

## 4.2 DBManager Class Reference

```
#include <DBManager.h>
```

Collaboration diagram for DBManager:

### Public Member Functions

- void [navigateUI](#) ()
- void [queryUI](#) ()
- void [mainUI](#) ()
- void [testNavigator](#) ()
- void [testQuery](#) ()
- void [run](#) ()
- [DBManager](#) ()
- virtual [~DBManager](#) ()

#### 4.2.1 Detailed Description

Definition at line 16 of file DBManager.h.

#### 4.2.2 Constructor & Destructor Documentation

##### 4.2.2.1 DBManager::DBManager ( )

Definition at line 145 of file DBManager.cpp.

Here is the call graph for this function:

##### 4.2.2.2 DBManager::~~DBManager ( ) [virtual]

Definition at line 151 of file DBManager.cpp.

### 4.2.3 Member Function Documentation

#### 4.2.3.1 void DBManager::mainUI ( )

Definition at line 27 of file DBManager.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

#### 4.2.3.2 void DBManager::navigateUI ( )

Definition at line 60 of file DBManager.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

#### 4.2.3.3 void DBManager::queryUI ( )

Definition at line 95 of file DBManager.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

#### 4.2.3.4 void DBManager::run ( )

Definition at line 12 of file DBManager.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

#### 4.2.3.5 void DBManager::testNavigator ( )

Definition at line 137 of file DBManager.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

#### 4.2.3.6 void DBManager::testQuery ( )

Definition at line 129 of file DBManager.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

The documentation for this class was generated from the following files:

- [/Users/gina/Documents/workspace2/MovieDatabase/src/DBManager.h](#)
- [/Users/gina/Documents/workspace2/MovieDatabase/src/DBManager.cpp](#)

## 4.3 GenreYearQuery Class Reference

```
#include <GenreYearQuery.h>
```

Inherits [Query](#).

Collaboration diagram for GenreYearQuery:

### Public Member Functions

- void [query](#) ()
- [GenreYearQuery](#) ()
- virtual [~GenreYearQuery](#) ()

#### 4.3.1 Detailed Description

Definition at line 13 of file GenreYearQuery.h.

#### 4.3.2 Constructor & Destructor Documentation

##### 4.3.2.1 GenreYearQuery::GenreYearQuery ( )

Definition at line 36 of file GenreYearQuery.cpp.

##### 4.3.2.2 GenreYearQuery::~GenreYearQuery ( ) [virtual]

Definition at line 39 of file GenreYearQuery.cpp.

#### 4.3.3 Member Function Documentation

##### 4.3.3.1 void GenreYearQuery::query ( ) [virtual]

Implements [Query](#).

Definition at line 12 of file GenreYearQuery.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

The documentation for this class was generated from the following files:

- [/Users/gina/Documents/workspace2/MovieDatabase/src/GenreYearQuery.h](#)
- [/Users/gina/Documents/workspace2/MovieDatabase/src/GenreYearQuery.cpp](#)

## 4.4 MyTokenizer Class Reference

```
#include <MyTokenizer.h>
```

Collaboration diagram for MyTokenizer:

### Public Member Functions

- [vecSizeType size](#) () const
- [string & operator\[\]](#) (vecSizeType k)
- [const string & operator\[\]](#) (vecSizeType k) const
- [MyTokenizer](#) (const string &line, string delimiterIn=" ")
- [MyTokenizer](#) ()
- [virtual ~MyTokenizer](#) ()

### Public Attributes

- [vector< string > tokens](#)

#### 4.4.1 Detailed Description

Definition at line 17 of file MyTokenizer.h.

#### 4.4.2 Constructor & Destructor Documentation

##### 4.4.2.1 MyTokenizer::MyTokenizer ( const string & line, string delimiterIn = " ")

Definition at line 45 of file MyTokenizer.cpp.

##### 4.4.2.2 MyTokenizer::MyTokenizer ( ) [inline]

Definition at line 43 of file MyTokenizer.h.

##### 4.4.2.3 MyTokenizer::~MyTokenizer ( ) [virtual]

Definition at line 49 of file MyTokenizer.cpp.

### 4.4.3 Member Function Documentation

#### 4.4.3.1 `string & MyTokenizer::operator[] ( vecSizeType k )`

Definition at line 39 of file MyTokenizer.cpp.

#### 4.4.3.2 `const string & MyTokenizer::operator[] ( vecSizeType k ) const`

Definition at line 42 of file MyTokenizer.cpp.

#### 4.4.3.3 `vecSizeType MyTokenizer::size ( ) const [inline]`

Definition at line 29 of file MyTokenizer.h.

Here is the caller graph for this function:

### 4.4.4 Member Data Documentation

#### 4.4.4.1 `vector<string> MyTokenizer::tokens`

Definition at line 25 of file MyTokenizer.h.

The documentation for this class was generated from the following files:

- [/Users/gina/Documents/workspace2/MovieDatabase/src/MyTokenizer.h](#)
- [/Users/gina/Documents/workspace2/MovieDatabase/src/MyTokenizer.cpp](#)

## 4.5 Query Class Reference

```
#include <Query.h>
```

Inherited by [GenreYearQuery](#), [RatingTimeQuery](#), and [TitleActorQuery](#).

Collaboration diagram for Query:

### Public Member Functions

- void [setDB](#) (const [Database](#) &databaseToQuery)
- void [displayResults](#) ()
- void [intersectResults](#) (const set< int > &firstSet, const set< int > &secondSet)
- virtual void [query](#) ()=0
- [Query](#) ()
- virtual [~Query](#) ()

### Protected Attributes

- const [Database](#) \* `db`
- set< int > `results`
- set< int > `previousResults`

#### 4.5.1 Detailed Description

Definition at line 13 of file `Query.h`.

#### 4.5.2 Constructor & Destructor Documentation

##### 4.5.2.1 `Query::Query ( )`

Definition at line 63 of file `Query.cpp`.

##### 4.5.2.2 `Query::~~Query ( )` **[virtual]**

Definition at line 66 of file `Query.cpp`.

#### 4.5.3 Member Function Documentation

##### 4.5.3.1 `void Query::displayResults ( )`

Definition at line 39 of file `Query.cpp`.

Here is the call graph for this function:

Here is the caller graph for this function:

##### 4.5.3.2 `void Query::intersectResults ( const set< int > & firstSet, const set< int > & secondSet )`

Definition at line 18 of file `Query.cpp`.

Here is the caller graph for this function:

##### 4.5.3.3 `virtual void Query::query ( )` **[pure virtual]**

Implemented in [GenreYearQuery](#), [RatingTimeQuery](#), and [TitleActorQuery](#).

Here is the caller graph for this function:

#### 4.5.3.4 void Query::setDB ( const Database & *databaseToQuery* )

Definition at line 59 of file Query.cpp.

Here is the caller graph for this function:

#### 4.5.4 Member Data Documentation

##### 4.5.4.1 const Database\* Query::db [protected]

Definition at line 15 of file Query.h.

##### 4.5.4.2 set<int> Query::previousResults [protected]

Definition at line 17 of file Query.h.

##### 4.5.4.3 set<int> Query::results [protected]

Definition at line 16 of file Query.h.

The documentation for this class was generated from the following files:

- [/Users/gina/Documents/workspace2/MovieDatabase/src/Query.h](#)
- [/Users/gina/Documents/workspace2/MovieDatabase/src/Query.cpp](#)

## 4.6 RatingTimeQuery Class Reference

```
#include <RatingTimeQuery.h>
```

Inherits [Query](#).

Collaboration diagram for RatingTimeQuery:

#### Public Member Functions

- void [query](#) ()
- [RatingTimeQuery](#) ()
- virtual [~RatingTimeQuery](#) ()

#### 4.6.1 Detailed Description

Definition at line 13 of file RatingTimeQuery.h.



## 4.6.2 Constructor & Destructor Documentation

### 4.6.2.1 RatingTimeQuery::RatingTimeQuery ( )

Definition at line 35 of file RatingTimeQuery.cpp.

### 4.6.2.2 RatingTimeQuery::~~RatingTimeQuery ( ) [virtual]

Definition at line 37 of file RatingTimeQuery.cpp.

## 4.6.3 Member Function Documentation

### 4.6.3.1 void RatingTimeQuery::query ( ) [virtual]

Implements [Query](#).

Definition at line 11 of file RatingTimeQuery.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

The documentation for this class was generated from the following files:

- /Users/gina/Documents/workspace2/MovieDatabase/src/[RatingTimeQuery.h](#)
- /Users/gina/Documents/workspace2/MovieDatabase/src/[RatingTimeQuery.cpp](#)

## 4.7 Record Class Reference

```
#include <Record.h>
```

Collaboration diagram for Record:

### Public Member Functions

- int [getId](#) () const
- string [getTitle](#) () const
- string [getGenre](#) () const
- int [getYear](#) () const
- string [getPlot](#) () const
- int [getRunningTime](#) () const
- string [getRating](#) () const
- string [getActors](#) () const
- void [setId](#) (int idIn)
- void [setTitle](#) (string titleIn)
- void [setGenre](#) (string genreIn)
- void [setYear](#) (int yearIn)
- void [setPlot](#) (string plotIn)

- void [setRunningTime](#) (int runningTimeIn)
- void [setRating](#) (string ratingIn)
- void [setActors](#) (string actorsIn)
- void [readInFromStream](#) ()
- [Record](#) (string &stringRecord)
- [Record](#) ()
- virtual [~Record](#) ()

### Friends

- istream & [operator>>](#) (istream &sin, [Record](#) &r)
- ostream & [operator<<](#) (ostream &sout, [Record](#) &r)

### 4.7.1 Detailed Description

Definition at line 15 of file Record.h.

### 4.7.2 Constructor & Destructor Documentation

#### 4.7.2.1 [Record::Record \( string & stringRecord \)](#)

Definition at line 73 of file Record.cpp.

#### 4.7.2.2 [Record::Record \( \)](#)

Definition at line 69 of file Record.cpp.

#### 4.7.2.3 [Record::~~Record \( \)](#) [**virtual**]

Definition at line 111 of file Record.cpp.

### 4.7.3 Member Function Documentation

#### 4.7.3.1 [string Record::getActors \( \)](#) const

Definition at line 58 of file Record.cpp.

#### 4.7.3.2 [string Record::getGenre \( \)](#) const

Definition at line 53 of file Record.cpp.

**4.7.3.3 int Record::getId ( ) const**

Definition at line 51 of file Record.cpp.

**4.7.3.4 string Record::getPlot ( ) const**

Definition at line 55 of file Record.cpp.

**4.7.3.5 string Record::getRating ( ) const**

Definition at line 57 of file Record.cpp.

**4.7.3.6 int Record::getRunningTime ( ) const**

Definition at line 56 of file Record.cpp.

**4.7.3.7 string Record::getTitle ( ) const**

Definition at line 52 of file Record.cpp.

**4.7.3.8 int Record::getYear ( ) const**

Definition at line 54 of file Record.cpp.

**4.7.3.9 void Record::readInFromStream ( )****4.7.3.10 void Record::setActors ( string *actorsIn* )**

Definition at line 67 of file Record.cpp.

**4.7.3.11 void Record::setGenre ( string *genreIn* )**

Definition at line 62 of file Record.cpp.

**4.7.3.12 void Record::setId ( int *idIn* )**

Definition at line 60 of file Record.cpp.

**4.7.3.13 void Record::setPlot ( string *plotIn* )**

Definition at line 64 of file Record.cpp.

**4.7.3.14 void Record::setRating ( string *ratingIn* )**

Definition at line 66 of file Record.cpp.

**4.7.3.15 void Record::setRunningTime ( int *runningTimeIn* )**

Definition at line 65 of file Record.cpp.

**4.7.3.16 void Record::setTitle ( string *titleIn* )**

Definition at line 61 of file Record.cpp.

**4.7.3.17 void Record::setYear ( int *yearIn* )**

Definition at line 63 of file Record.cpp.

**4.7.4 Friends And Related Function Documentation****4.7.4.1 ostream& operator<< ( ostream & *sout*, Record & *r* ) [friend]**

Definition at line 22 of file Record.cpp.

**4.7.4.2 istream& operator>> ( istream & *sin*, Record & *r* ) [friend]**

Definition at line 15 of file Record.cpp.

The documentation for this class was generated from the following files:

- /Users/gina/Documents/workspace2/MovieDatabase/src/[Record.h](#)
- /Users/gina/Documents/workspace2/MovieDatabase/src/[Record.cpp](#)

## 4.8 TitleActorQuery Class Reference

```
#include <TitleActorQuery.h>
```

Inherits [Query](#).

Collaboration diagram for TitleActorQuery:

### Public Member Functions

- void [query](#) ()
- [TitleActorQuery](#) ()
- virtual [~TitleActorQuery](#) ()

### 4.8.1 Detailed Description

Definition at line 13 of file TitleActorQuery.h.

### 4.8.2 Constructor & Destructor Documentation

#### 4.8.2.1 TitleActorQuery::TitleActorQuery ( )

Definition at line 29 of file TitleActorQuery.cpp.

#### 4.8.2.2 TitleActorQuery::~TitleActorQuery ( ) [virtual]

Definition at line 32 of file TitleActorQuery.cpp.

### 4.8.3 Member Function Documentation

#### 4.8.3.1 void TitleActorQuery::query ( ) [virtual]

Implements [Query](#).

Definition at line 10 of file TitleActorQuery.cpp.

Here is the call graph for this function:

Here is the caller graph for this function:

The documentation for this class was generated from the following files:

- /Users/gina/Documents/workspace2/MovieDatabase/src/[TitleActorQuery.h](#)
- /Users/gina/Documents/workspace2/MovieDatabase/src/[TitleActorQuery.cpp](#)

## 5 File Documentation

### 5.1 /Users/gina/Documents/workspace2/MovieDatabase/src/Database.cpp File Reference

```
#include "Database.h"
#include <vector>
#include <map>
#include <set>
#include <string>
#include <iostream>
#include <fstream>
#include <boost/regex.hpp>
#include <boost/foreach.hpp>
#include <boost/algorithm/string/case_conv.hpp>
```

Include dependency graph for Database.cpp:

### 5.2 /Users/gina/Documents/workspace2/MovieDatabase/src/Database.h File Reference

```
#include <vector>
#include <map>
#include <set>
#include <string>
#include "Record.h"
#include "MyTokenizer.h"
```

Include dependency graph for Database.h: This graph shows which files directly or indirectly include this file:

#### Classes

- class [Database](#)

#### Typedefs

- typedef vector< string >::size\_type [vecSizeType](#)

#### 5.2.1 Typedef Documentation

##### 5.2.1.1 typedef vector<string>::size\_type vecSizeType

Definition at line 18 of file Database.h.

### **5.3 /Users/gina/Documents/workspace2/MovieDatabase/src/DBManager.cpp File Reference**

```
#include "DBManager.h"
#include <iostream>
```

Include dependency graph for DBManager.cpp:

### **5.4 /Users/gina/Documents/workspace2/MovieDatabase/src/DBManager.h File Reference**

```
#include "Database.h"
#include "GenreYearQuery.h"
#include "TitleActorQuery.h"
#include "RatingTimeQuery.h"
```

Include dependency graph for DBManager.h: This graph shows which files directly or indirectly include this file:

#### **Classes**

- class [DBManager](#)

### **5.5 /Users/gina/Documents/workspace2/MovieDatabase/src/GenreYearQuery.cpp File Reference**

```
#include "GenreYearQuery.h"
```

Include dependency graph for GenreYearQuery.cpp:

### **5.6 /Users/gina/Documents/workspace2/MovieDatabase/src/GenreYearQuery.h File Reference**

```
#include "Query.h"
```

Include dependency graph for GenreYearQuery.h: This graph shows which files directly or indirectly include this file:

#### **Classes**

- class [GenreYearQuery](#)

### **5.7 /Users/gina/Documents/workspace2/MovieDatabase/src/MovieDatabaseDriver.cpp File Reference**

```
#include <iostream>
```

```
#include "DBManager.h"
```

Include dependency graph for MovieDatabaseDriver.cpp:

### Functions

- int [main](#) ()

#### 5.7.1 Function Documentation

##### 5.7.1.1 int main ( )

Definition at line 13 of file MovieDatabaseDriver.cpp.

Here is the call graph for this function:

## 5.8 /Users/gina/Documents/workspace2/MovieDatabase/src/MyTokenizer.cpp File Reference

```
#include "MyTokenizer.h"
```

```
#include <boost/algorithm/string/trim.hpp>
```

```
#include <iostream>
```

```
#include <string>
```

```
#include <vector>
```

Include dependency graph for MyTokenizer.cpp:

## 5.9 /Users/gina/Documents/workspace2/MovieDatabase/src/MyTokenizer.h File Reference

```
#include <string>
```

```
#include <vector>
```

Include dependency graph for MyTokenizer.h: This graph shows which files directly or indirectly include this file:

### Classes

- class [MyTokenizer](#)

### Typedefs

- typedef vector< string >::size\_type [vecSizeType](#)



### 5.9.1 Typedef Documentation

#### 5.9.1.1 typedef vector<string>::size\_type vecSizeType

Definition at line 15 of file MyTokenizer.h.

## 5.10 /Users/gina/Documents/workspace2/MovieDatabase/src/Query.cpp File Reference

```
#include "Query.h"
#include <string>
#include <algorithm>
#include <iterator>
#include <iostream>
```

Include dependency graph for Query.cpp:

## 5.11 /Users/gina/Documents/workspace2/MovieDatabase/src/Query.h File Reference

```
#include "Database.h"
```

Include dependency graph for Query.h: This graph shows which files directly or indirectly include this file:

### Classes

- class [Query](#)

## 5.12 /Users/gina/Documents/workspace2/MovieDatabase/src/RatingTimeQuery.cpp File Reference

```
#include "RatingTimeQuery.h"
```

Include dependency graph for RatingTimeQuery.cpp:

## 5.13 /Users/gina/Documents/workspace2/MovieDatabase/src/RatingTimeQuery.h File Reference

```
#include "Query.h"
```

Include dependency graph for RatingTimeQuery.h: This graph shows which files directly or indirectly include this file:

### Classes

- class [RatingTimeQuery](#)

## 5.14 /Users/gina/Documents/workspace2/MovieDatabase/src/Record.cpp File Reference

```
#include "Record.h"
#include "MyTokenizer.h"
#include <string>
#include <iostream>
#include <boost/regex.hpp>
```

Include dependency graph for Record.cpp:

### Functions

- `istream & operator>>` (`istream &istr`, `Record &r`)
- `ostream & operator<<` (`ostream &ostr`, `Record &r`)

#### 5.14.1 Function Documentation

##### 5.14.1.1 `ostream& operator<< ( ostream & ostr, Record & r )`

Definition at line 22 of file Record.cpp.

Here is the call graph for this function:

##### 5.14.1.2 `istream& operator>> ( istream & istr, Record & r )`

Definition at line 15 of file Record.cpp.

## 5.15 /Users/gina/Documents/workspace2/MovieDatabase/src/Record.h File Reference

```
#include <string>
#include <vector>
#include <iostream>
```

Include dependency graph for Record.h: This graph shows which files directly or indirectly include this file:

### Classes

- class `Record`

## 5.16 /Users/gina/Documents/workspace2/MovieDatabase/src/TitleActorQuery.cpp File Reference

```
#include "TitleActorQuery.h"
```

Include dependency graph for TitleActorQuery.cpp:

## 5.17 /Users/gina/Documents/workspace2/MovieDatabase/src/TitleActorQuery.h File Reference

```
#include "Query.h"
```

Include dependency graph for TitleActorQuery.h: This graph shows which files directly or indirectly include this file:

### Classes

- class [TitleActorQuery](#)