

Item		
Item(String, Integer)		
equals(Object)	boolean	
hashCode()	int	
toString()	String	
music	boolean	
title	String	
yearReleased	Integer	

Creator		
Creator(Name)		
equals(Object)	boolean	
hashCode()	int	
toString()	String	
author	boolean	
name	Name	

Music		
Music(Band, String, Integer)		
Music(RecordingArtist, String, Integer)		
equals(Object)	boolean	
hashCode()	int	
toString()	String	
band	boolean	
music	boolean	
recordingArtist	RecordingArtist	

Book		
Book(Author, String, Integer)		
equals(Object)	boolean	
hashCode()	int	
toString()	String	
author	Author	
music	boolean	

RecordingArtist		
RecordingArtist(Name)		
equals(Object)	boolean	
hashCode()	int	
toString()	String	
author	boolean	

Author		
Author(Name)		
equals(Object)	boolean	
hashCode()	int	
toString()	String	
author	boolean	

Catalog		
Catalog()		
Catalog(List<Item>)		
KMPMatch(String, String)	boolean	
addItem(Item)	void	
computeLPsArray(String, int, int[])	void	
equals(Object)	boolean	
hashCode()	int	
removeItem(Item)	void	
search(Author)	List<Item>	
search(RecordingArtist)	List<Item>	
search(String)	List<Item>	
toString()	String	
collection	List<Item>	

Band		
Band(String, Set<Creator>)		
addBandMember(Creator)	void	
equals(Object)	boolean	
hashCode()	int	
removeBandMember(Creator)	void	
toString()	String	
bandName	String	
members	Set<Creator>	

Name		
Name(String, String)		
equals(Object)	boolean	
hashCode()	int	
toString()	String	
firstName	String	
lastName	String	