Music Chart TRD

Predicate (Relevant, not All)

```
Artist is independent
    Artist is primarily   identified by ( ArtistId )
    Artist is alternately identified by ( Name )
    Artist recorded 1-to-n [Artist]Songs

ArtistSong is dependent on, and identified by, Artist
    ArtistSong is was recorded by 1 Artist
    ArtistSong is dependent on, and identified by, Song
    ArtistSong is a recording of 1 Song
    ArtistSong is identified by ( ArtistId, SongId )
    ArtistSong achieved 1-to-n ChartDateSongs

Chart is independent
    Chart is identified by ( Chart )
    Chart is published as 1-to-n ChartDate

ChartDate is dependent on, and identified by, Chart
    ChartDate is a publication of 1 Chart
    ChartDate is identified by ( Chart, Date )
    ChartDate ranks 1-to-n [ChartDate]Songs

ChartDateSong is dependent on, and identified by, ChartDate
    ChartDateSong is a ranking of 1 ChartDate
    ChartDateSong is dependent on, and identified by, ArtistSong
    ChartDateSong is an achievement of 1 ArtistSong
    ChartDateSong is primarily   identified by ( Chart, Date, ArtistId, SongId )
    ChartDateSong is alternately identified by ( Chart, Date, Rank )

Song is independent
    Song is primarily   identified by ( SongId )
    Song is alternately identified by ( Name )
    Song was recorded by 1-to-n Artist[Song]s
```

Entity Type

(cyan)	Reference
(green)	Identifying/Major
(light green)	Identifying
(yellow)	Transaction
(pink)	TransactionDetail
(purple)	History, Audit

IDEF1X Notation

This page is required, for the single purpose of overcoming a document production bug.

Entity Type

	Reference
	Identifying/Major
	Identifying
	Transaction
	TransactionDetail
	History, Audit

IDEF1X Notation