**getGame**

Description: Give all the information stored about a game defined by an Id(taken by PreviewGames)

Errors: ERR\_DOCUMENT\_BAD\_GAME\_ID: bad format of the given id

ERR\_DOCUMENT\_GAME\_NOT\_FOUND

ERR\_NETWORK\_UNREACHABLE

**AddGame**

Description: Insert a new object Game into the dataset

Errors: ERR\_DOCUMENT\_BAD\_GAME\_ID: bad format of the given id or id already setted

ERR\_NETWORK\_UNREACHABLE

**IncrementGameViews**

Description: increment the views of a game by 1

Errors: ERR\_DOCUMENT\_BAD\_GAME\_ID: bad format of the given id

ERR\_DOCUMENT\_GAME\_NOT\_FOUND

ERR\_DOCUMENT\_UNKNOWN: for some reason the document has already the given update

ERR\_NETWORK\_UNREACHABLE

**VoteGame**

Description: put a new vote for the game updating the rating and ratingCount fields

Errors: ERR\_DOCUMENT\_BAD\_GAME\_ID: bad format of the given id

ERR\_DOCUMENT\_GAME\_NOT\_FOUND

ERR\_DOCUMENT\_INVALID\_VOTE: vote must be into [0,5]

ERR\_DOCUMENT\_UNKNOWN: for some reason the document has already the given update

ERR\_NETWORK\_UNREACHABLE

**GetGameCount**

Description: gives the number of games stored into the dataset

Errors: ERR\_NETWORK\_UNREACHABLE

**getGenres**

Description: gives all the possible games generes used into the dataset

Errors: ERR\_NETWORK\_PARTIAL\_UNREACHABLE: there could be some data into the response

**GetMostViewedPreview**

Description: gives the preview of the game with more views

Errors: ERR\_DOCUMENT\_GAME\_NOT\_FOUND

ERR\_NETWORK\_UNREACHABLE

**GetMostPopularPreview**

Description: gives the preview of the game with higher rating

Errors: ERR\_DOCUMENT\_GAME\_NOT\_FOUND

ERR\_NETWORK\_UNREACHABLE

**GetMostViewedPreviews**

Description: gives a DataNavigator to scroll all the games sorted by viewsCount

DataNavigator Extraction Errors: ERR\_NETWORK\_PARTIAL\_UNREACHABLE

**GetMostLikedPreviews**

Description: gives a DataNavigator to scroll all the games sorted by rating

DataNavigator Extraction Errors: ERR\_NETWORK\_PARTIAL\_UNREACHABLE

**GetMostRecentPreviews**

Description: gives a DataNavigator to scroll all the games sorted by releaseDate

DataNavigator Extraction Errors: ERR\_NETWORK\_PARTIAL\_UNREACHABLE

**SearchGamesPreviews**

Description: gives a DataNavigator to scroll all the games with a title or a generes matching the given string

DataNavigator Extraction Errors: ERR\_NETWORK\_PARTIAL\_UNREACHABLE

**AddGameDescription**

Description: for scraping, insert a description into the game class

Errors: ERR\_DOCUMENT\_BAD\_GAME\_ID: bad format of the given id

ERR\_DOCUMENT\_GAME\_NOT\_FOUND

ERR\_DOCUMENT\_UNKNOWN: the game has already a description

ERR\_NETWORK\_UNREACHABLE

**DeleteGame**

Description: delete a game from the dataset

Errors: ERR\_DOCUMENT\_BAD\_GAME\_ID: bad format of the given id

ERR\_DOCUMENT\_GAME\_NOT\_FOUND

ERR\_NETWORK\_UNREACHABLE