**GoodBreaksTypes.Surfer Class**

Implements: ICommentable, INotifyPropertyChanged

Properties:

* PartitionKey (string)
* RowKey (string)
* FirstName (string)
* LastName (string)
* NickName (string)
* Name (string)
* Description (string)
* ImageLocation (string)
* Region (string)
* Buddies (ICollection<GoodBreaksTypes.Surfer>)
* SurfBoards (ICollection<GoodBreaksTypes.SurfBoard>)
* Sessions (ICollection<GoodBreaksTypes.Session>)
* CommentsAboutMe (GoodBreaksTypes.SortedCommentList)
* CommentsByMe (GoodBreaksTypes.SortedCommentList)
* Breaks (ICollection<GoodBreaksTypes.Break>)

Constructors

* Default Constructor
* Surfer(string surferFirstName, string surferLastName, string surferRegion)

Methods

**Surfers API**

API Location:

[http://staginggoodbreaks.cloudapp.net:8080/api/surfers](http://staginggoodbreaks.cloudapp.net:8080/api/breaks)

This is the URI to use for all requests to the Surfers API. Parameters are added to the end of this URL, as follows:

<http://staginggoodbreaks.cloudapp.net:8080/api/surfers?surferPK=USEC&surferRK=sur-323>

API Verbs:

**GET**

1. Get a specific surfer
   1. URI Parameters: breakPK, breakRK
   2. Body Parameters: none
   3. Example: <http://staginggoodbreaks.cloudapp.net:8080/api/surfers?surferPK=USEC&surferRK=sur-323>

**POST**

1. Create a new surfer record
   1. URI Parameters: none
   2. Body Parameters: surfer record, JSON format.
   3. Example:
      1. URI: <http://staginggoodbreaks.cloudapp.net:8080/api/surfers>
      2. JSON: {"PartitionKey":"USWC","RowKey":"sur-369e596c-4c7c-4bc2-9012-09acf626773b","FirstName":"Andrew","LastName":"Schultz","NickName":"Floating LLama","FullName":"Andrew Schultz","Description":"Funny Neck","ImageLocation":null,"Region":"USWC","SurfBoards":[],"Sessions":[],"CommentsAboutMe":{"Comments":[]},"CommentsByMe":{"Comments":[]}}

**PUT**

1. Upsert a surfer record - if the PartitionKey/RowKey combo exists, update it with the values in the surfer passed in the body of the request. If it does not exist, create it.
   1. URI Parameters: none
   2. Body Parameters: surfer record, JSON format.
   3. Example:
      1. URI: <http://staginggoodbreaks.cloudapp.net:8080/api/surfers>
      2. JSON: {"PartitionKey":"USWC","RowKey":"sur-369e596c-4c7c-4bc2-9012-09acf626773b","FirstName":"Andrew","LastName":"Schultz","NickName":"Floating LLama","FullName":"Andrew Schultz","Description":"Funny Neck","ImageLocation":null,"Region":"USWC","SurfBoards":[],"Sessions":[],"CommentsAboutMe":{"Comments":[]},"CommentsByMe":{"Comments":[]}}

**DELETE**

1. Delete a surfer record.
   1. URI Parameters: none
   2. Body Parameters: surfer record, JSON format.
   3. Example:
      1. URI: <http://staginggoodbreaks.cloudapp.net:8080/api/surfers>
      2. JSON: {"PartitionKey":"USWC","RowKey":"sur-369e596c-4c7c-4bc2-9012-09acf626773b","FirstName":"Andrew","LastName":"Schultz","NickName":"Floating LLama","FullName":"Andrew Schultz","Description":"Funny Neck","ImageLocation":null,"Region":"USWC","SurfBoards":[],"Sessions":[],"CommentsAboutMe":{"Comments":[]},"CommentsByMe":{"Comments":[]}}