## **EntryApplication domain model**

### **Animal**

common\_name string \*
max\_number integer
max\_size integer
min\_size integer
scientific\_name string \*
species\_code string \*

### Sample

current string cylinder\_radius float dive\_begin\_time time \* dive\_depth integer \* dive\_end\_time time \* field\_id string \* fishing\_gear text hard\_pcov\_other1 integer hard\_pcov\_other1\_lab string hard\_pcov\_other2 integer hard\_pcov\_other2\_lab string hard\_relief\_cat\_0 integer \* hard\_relief\_cat\_1 integer \* hard\_relief\_cat\_2 integer \* hard relief cat 3 integer \* hard relief cat 4 integer \* hard\_verticle\_relief float \* hardbottom\_algal\_turf integer hardbottom\_live\_coral integer hardbottom macro algae *integer* hardbottom\_octocoral integer hardbottom\_percentage integer hardbottom\_sponge integer rubble\_percentage integer sample begin time time \* sample\_date date sample\_depth integer \* sample\_description text sample\_end\_time time \* sand bare integer sand\_macro\_algae integer sand\_pcov\_other1 integer sand\_pcov\_other1\_lab string sand\_pcov\_other2 integer sand\_pcov\_other2\_lab string sand\_percentage integer sand\_seagrass integer sand\_sponge integer soft\_relief\_cat\_0 integer soft\_relief\_cat\_1 integer soft\_relief\_cat\_2 integer

### Sample Animal

average\_length integer \*
max\_length integer \*
min\_length integer \*
number\_individuals integer \*
time\_seen integer

**DiverSample** 

primary\_diver boolean

## SampleType

sample\_type\_description string \*
sample\_type\_name string \*

### **HabitatType**

 $\label{eq:habitat_description} \begin{array}{l} \textit{habitat\_description } \textit{string} \, * \\ \textit{habitat\_name } \textit{string} \, * \\ \end{array}$ 

# BoatlogManager

agency string \*
firstname string \*
lastname string \*

# Diver

underwater\_visibility integer \*

water temp float \*

soft\_relief\_cat\_3 integer
soft\_relief\_cat\_4 integer
soft\_verticle\_relief float \*
substrate\_max\_depth integer \*
substrate\_min\_depth integer \*

active boolean current sign in at datetime current\_sign\_in\_ip string diver\_name string \* diver number string \* email string \* encrypted\_password string \* firstname *string* last\_sign\_in\_at datetime last\_sign\_in\_ip string lastname string remember created at datetime reset\_password\_sent\_at datetime reset\_password\_token string role string sign in count integer

username string