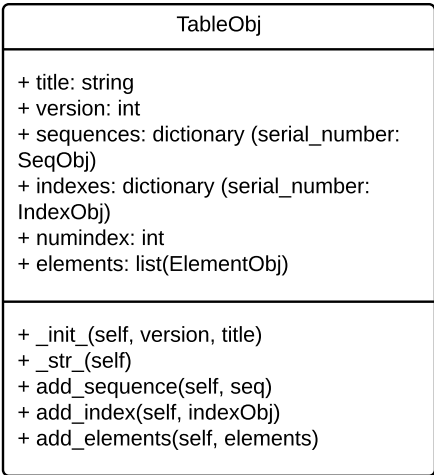
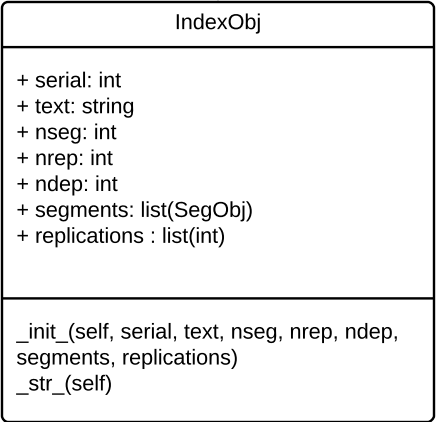


Element_Index

Sheila Needham | November 15, 2019



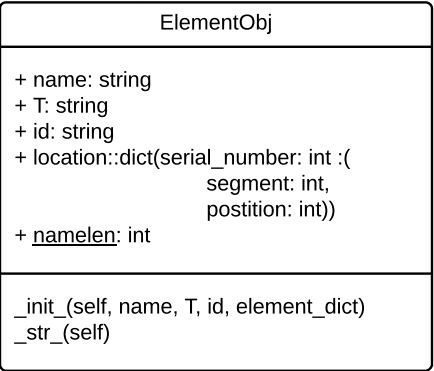
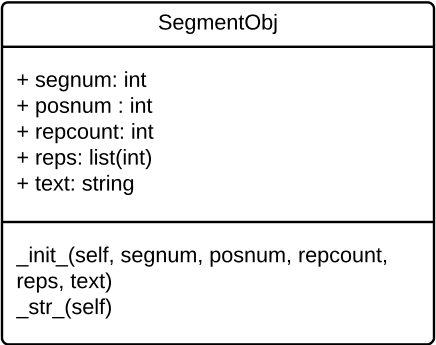
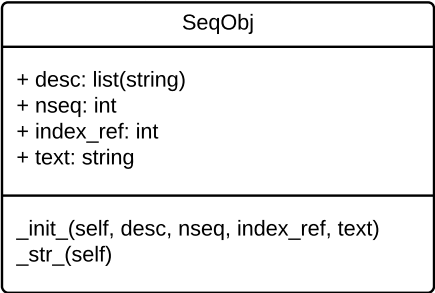
An instance of TableObj represents a complete elements_index such that when written to a file it can be used by MetDB retrieval software.



IndexObj represents this section of an elements index:

INDEX	1	Template for BUFR buoy observations			

	5	2	1	5 segments, 2 replications, no nesting	
1	59	0		1. Basic data, instrument and wave info	
2	3	1	1	2. Sea temperature and salinity profiles	
3	2	0		3. Current measurement information	
4	3	1	2	4. Profile of current speed and direction	
5	40	0		5. Atmospheric measurements	
-1	-1	<-- Replication counts			



ElementObj represents one line from this section of an elements index

ELEMENT NAMES AND LOCATIONS										
ELEMENT NAME	T	ID	S1	P1	S2	P2	S3	P3	S4	P4
<-----> - - - - -										
STLT_IDNY		I4	1	1	1	1				
STLT_INSTS			1	2	1	2				
STTN_ACQSTN	C		1	3	1	3				
SFTWR_ID	C		1	4	1	4				
ORBT_NMBR			1	5	1	5				
YEAR	T1		1	6	1	6				

SeqObj represents this section of an elements index:

BUFR SEQUENCES

1	23	001007	002019	001096	025061	005040	301011	301013	301021
		007002	012180	012181	012182	012183	012184	012185	201129
		002174	201000	021086	012186	021087	012187	033043	

SegObj represents one line from an index, describing a particular segment,

<seg><item count><replication count><replication list><text>

e.g.

2	3	1	1	Sea temperature and salinity profiles
---	---	---	---	---------------------------------------