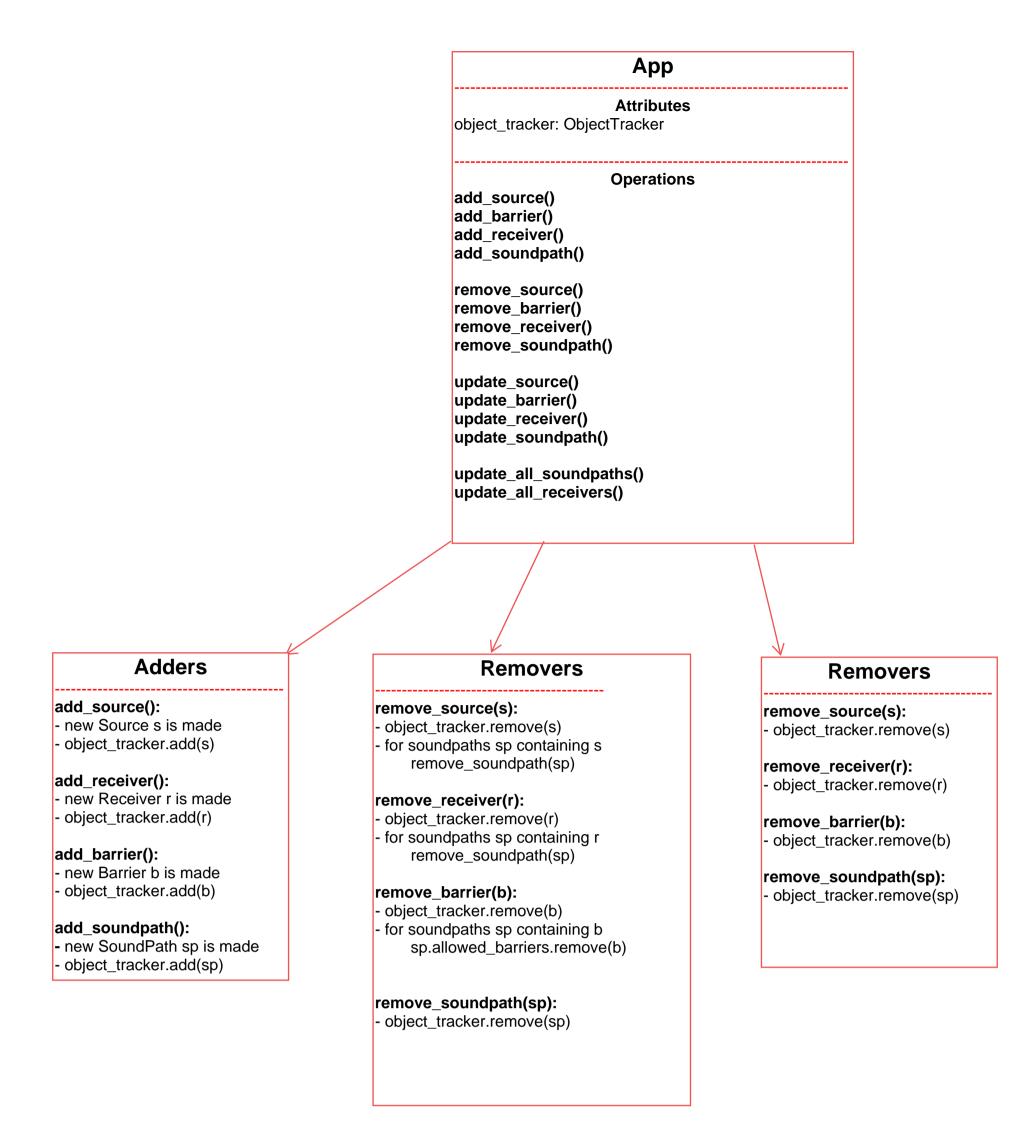
Attributes cur_id: int IDs = int : source, barrier, receiver, or sound_path object Operations add(source, barrier, receiver, or sound path object) cur_id is incremented source/barrier/receiver/soundpath._ID = cur_id IDs[cur_id] = source, barrier, receiver, or soundpath object remove(source/barrier/recever/soundpath object) this_id = source/barrier/receiver/soundpath._ID = None source/barrier/receiver/soundpath._ID = None del IDs[this_id]

Source		
Attributes		
_ID:	int	
geometry:	Point	
dBA:	float	
reference_dist	: float	
octave_bands:	Optional[OctaveBand]	
count:	float = 1	
tag:	str	
path:	str	
make:	str	
model:	str	
q_tested:	float	
q_installed:	float	
insertion:	float	

Operations

Receiver	Barrier	
Attributes _ID: int geometry: Point name: str dBA_limit: float	Attributes _ID: int geometry: Segment name: str dBA_limit: float	
Operations predicted_dbA() -> float	Operations	



Sound_Path Attributes barrier objects ARI | Fresnel (de

allowed_bars: barrier objects
barrier_method: ARI | Fresnel (default to ARI)
directivity: float
ignore: bool