## RecordingChannelGroup

units: list

analogsignalarrays: list recordingchannels: list

channel\_indexes: np.ndarray 1D dt='i channel\_names : np.ndarray 1D dt='S'

name: str description: str file\_origin: str

RecordingChannel

analogsignals: list

irregularlysampledsignals: list

recordingchannelgroups: list

index: int

coordinate: Quantity 1D

name: str description: str file\_origin: str

Segment

analogsignals: list

eventarrays: list

epocharrays: list

spiketrains: list

events: list

epochs: list

spikes: list

index : int

name: str

description: str

file\_origin: str

analogsignalarrays: list

file\_datetime : datetime

rec\_datetime : datetime

irregularlysampledsignals: list

#### **Block**

segments: list

recordingchannelgroups: list

file\_datetime : datetime rec\_datetime : datetime

index: int name: str description: str file\_origin: str

## Unit

spiketrains: list spikes: list

channel\_indexes : np.ndarray 1D dt='i

name: str description: str file\_origin: str

Spike

SpikeTrain\*

times(object itself): Quantity 1D

t\_start : Quantity scalar

t\_stop: Quantity scalar

waveforms: Quantity 3D

left\_sweep : Quantity scalar

sampling\_rate : Quantity scalar

time: Quantity scalar waveform: Quantity 2D left\_sweep: Quantity scalar sampling\_rate : Quantity scalar

name: str description: str file\_origin: str

name : str

description: str

file\_origin: str

## **IrregularlySampledSignal**

times: Quantity 1D values: Quantity 1D

name : str description: str file\_origin: str

## **AnalogSignal\***

signal(object itself): Quantity 1D sampling\_rate : Quantity scalar

t\_start : Quantity scalar channel\_index : int

name: str description: str file\_origin: str

# **AnalogSignalArray\***

signal(object itself): Quantity 2D sampling\_rate : Quantity scalar

t\_start : Quantity scalar

channel\_indexes : np.ndarray 1D dt='i

name: str description: str file\_origin: str

#### **Event**

time: Quantity scalar

label: str name: str description: str file\_origin : str

### **EventArray**

times: Quantity 1D

labels : np.ndarray 1D dt='S'

name: str description: str file\_origin: str

## **Epoch**

time: Quantity scalar duration: Quantity scalar

label: str name: str description: str file\_origin: str

### **EpochArray**

times: Quantity 1D durations: Quantity 1D labels : np.ndarray 1D dt='S'

name: str description: str file origin: str