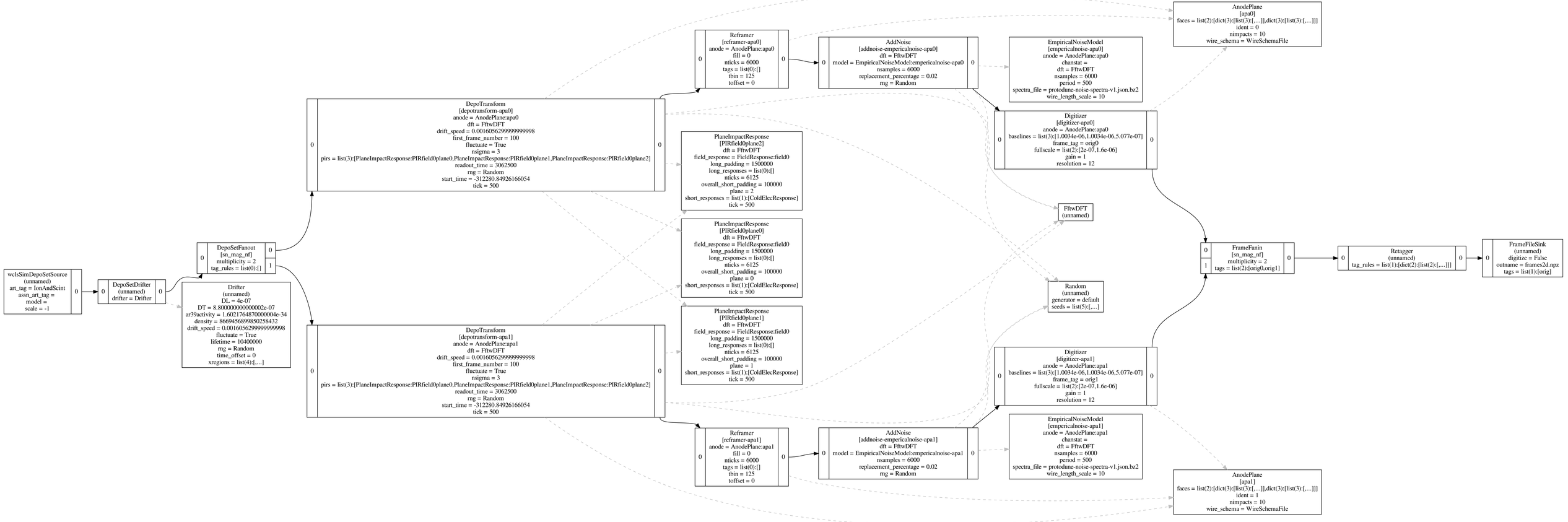
wclsSimDepoSetSource
(unnamed)
art_tag = IonAndScint
assn_art_tag =
model =
scale = -1
DepoSetDrifter
(unnamed)
drifter = Drifter
Drifter
(unnamed)
DL = 4e-07
DT = 8.8000000000000002e-07
ar39activity = 1.6021764870000004e-34
density = 8669456899850258432
drift_speed = 0.0016056299999999998
fluctuate = True
lifetime = 10400000
rng = Random
time_offset = 0
xregions = list(4):[,...]
DepoSetFanout
[sn_mag_nf]
multiplicity = 2
tag_rules = list(0):{}
DepoTransform
[depotransform-apa0]
anode = AnodePlane:apa0
dft = FftwDFT
drift_speed = 0.0016056299999999998
first_frame_number = 100
fluctuate = True
nsigma = 3
pirs = list(3):[PlaneImpactResponse:PIRfield0plane0,PlaneImpactResponse:PIRfield0plane1,PlaneImpactResponse:PIRfield0plane2]
readout_time = 3062500
rng = Random
start_time = -312280.84926166054
tick = 500
DepoTransform
[depotransform-apa1]
anode = AnodePlane:apa1
dft = FftwDFT
drift_speed = 0.0016056299999999998
first_frame_number = 100
fluctuate = True
nsigma = 3
pirs = list(3):[PlaneImpactResponse:PIRfield0plane0,PlaneImpactResponse:PIRfield0plane1,PlaneImpactResponse:PIRfield0plane2]
readout_time = 3062500
rng = Random
start_time = -312280.84926166054
tick = 500
PlaneImpactResponse
[PIRfield0plane2]
dft = FftwDFT
field_response = FieldResponse:field0
long_padding = 1500000
long_responses = list(0):[]
nticks = 6125
overall_short_padding = 100000
plane = 2
short_responses = list(1):[ColdElecResponse]
tick = 500
PlaneImpactResponse
[PIRfield0plane0]
dft = FftwDFT
field_response = FieldResponse:field0
long_padding = 1500000
long_responses = list(0):[]
nticks = 6125
overall_short_padding = 100000
plane = 0
short_responses = list(1):[ColdElecResponse]
tick = 500
PlaneImpactResponse
[PIRfield0plane1]
dft = FftwDFT
field_response = FieldResponse:field0
long_padding = 1500000
long_responses = list(0):[]
nticks = 6125
overall_short_padding = 100000
plane = 1
short_responses = list(1):[ColdElecResponse]
tick = 500
Reframer
[reframer-apa0]
anode = AnodePlane:apa0
fill = 0
nticks = 6000
tags = list(0):[]
tbin = 125
toffset = 0
Reframer
[reframer-apa1]
anode = AnodePlane:apa1
fill = 0
nticks = 6000
tags = list(0):[]
tbin = 125
toffset = 0
AddNoise
[addnoise-empericalnoise-apa0]
dft = FftwDFT
model = EmpiricalNoiseModel:empericalnoise-apa0
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa1]
dft = FftwDFT
model = EmpiricalNoiseModel:empericalnoise-apa1
nsamples = 6000
replacement_percentage = 0.02
rng = Random
EmpiricalNoiseModel
[empericalnoise-apa0]
anode = AnodePlane:apa0
chanstat =
dft = FftwDFT
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa1]
anode = AnodePlane:apa1
chanstat =
dft = FftwDFT
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
Digitizer
[digitizer-apa0]
anode = AnodePlane:apa0
baselines = list(3):[1.0034e-06,1.0034e-06,5.077e-07]
frame_tag = orig0
fullscale = list(2):[2e-07,1.6e-06]
gain = 1
resolution = 12
Digitizer
[digitizer-apa1]
anode = AnodePlane:apa1
baselines = list(3):[1.0034e-06,1.0034e-06,5.077e-07]
frame_tag = orig1
fullscale = list(2):[2e-07,1.6e-06]
gain = 1
resolution = 12
FftwDFT
(unnamed)
Random
(unnamed)
generator = default
seeds = list(5):[,...]
AnodePlane
[apa0]
faces = list(2):[dict(3):[list(3):[,...]],dict(3):[list(3):[,...]]]
ident = 0
nimpacts = 10
wire_schema = WireSchemaFile
AnodePlane
[apa1]
faces = list(2):[dict(3):[list(3):[,...]],dict(3):[list(3):[,...]]]
ident = 1
nimpacts = 10
wire_schema = WireSchemaFile
FrameFanin
[sn_mag_nf]
multiplicity = 2
tags = list(2):[orig0,orig1]
Retagger
(unnamed)
tag_rules = list(1):[dict(2):[list(2):[,...]]]
FrameFileSink
(unnamed)
digitize = False
outname = frames2d.npz
tags = list(1):[orig]