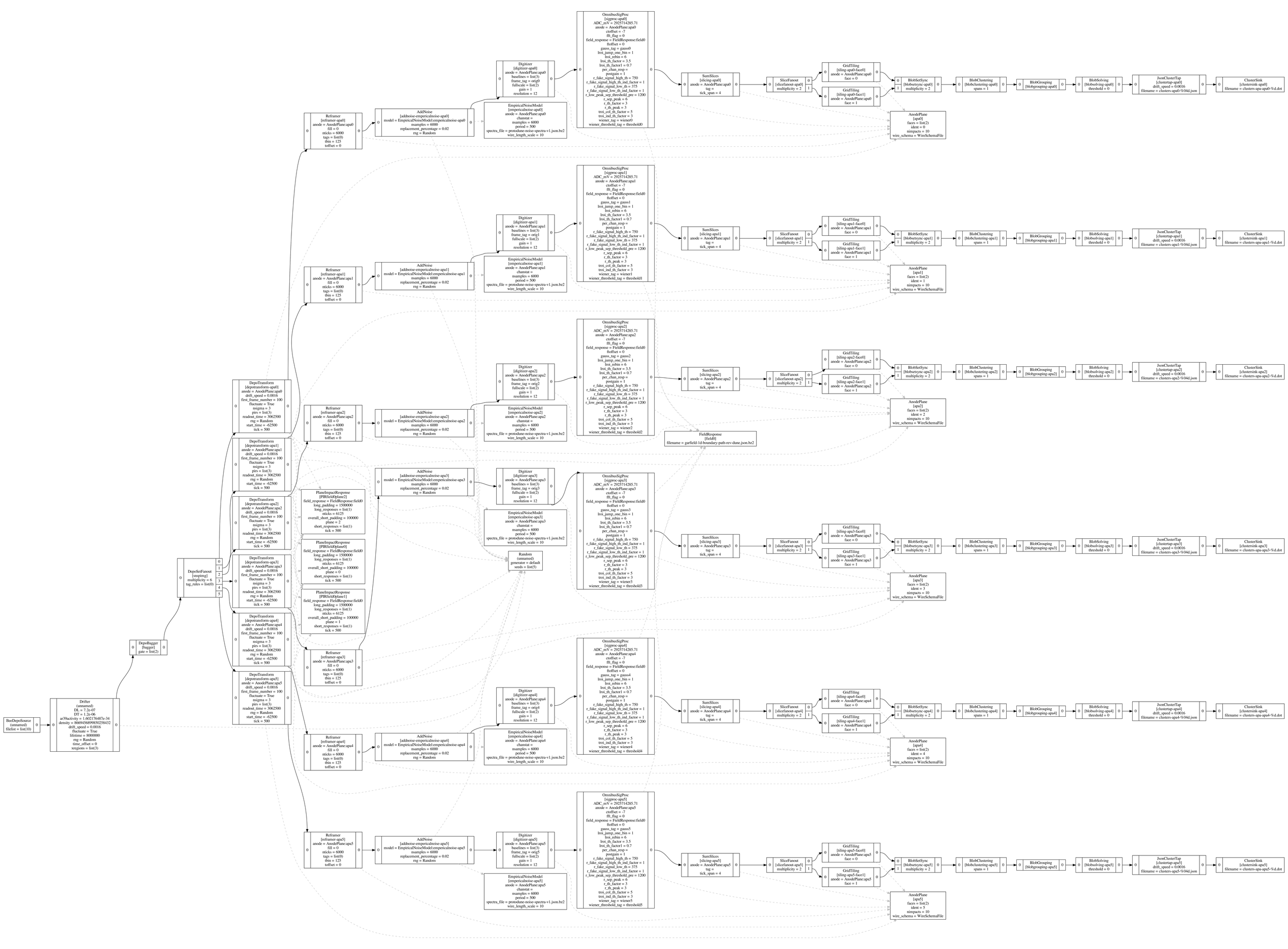

BeeDepoSource
(unnamed)
filelist = list(10)
Drifter
(unnamed)
DL = 7.2e-07
DT = 1.2e-06
ar39activity = 1.602176487e-34
density = 8669456899850258432
drift_speed = 0.0016
fluctuate = True
lifetime = 8000000
rng = Random
time_offset = 0
xregions = list(3)
DepoBagger
[bagger]
gate = list(2)
DepoSetFanout
[sinspimg]
multiplicity = 6
tag_rules = list(0)
DepoTransform
[depotransform-apa0]
anode = AnodePlane:apa0
drift_speed = 0.0016
first_frame_number = 100
fluctuate = True
nsigma = 3
pirs = list(3)
readout_time = 3062500
rng = Random
start_time = -62500
tick = 500
DepoTransform
[depotransform-apa1]
anode = AnodePlane:apa1
drift_speed = 0.0016
first_frame_number = 100
fluctuate = True
nsigma = 3
pirs = list(3)
readout_time = 3062500
rng = Random
start_time = -62500
tick = 500
DepoTransform
[depotransform-apa2]
anode = AnodePlane:apa2
drift_speed = 0.0016
first_frame_number = 100
fluctuate = True
nsigma = 3
pirs = list(3)
readout_time = 3062500
rng = Random
start_time = -62500
tick = 500
DepoTransform
[depotransform-apa3]
anode = AnodePlane:apa3
drift_speed = 0.0016
first_frame_number = 100
fluctuate = True
nsigma = 3
pirs = list(3)
readout_time = 3062500
rng = Random
start_time = -62500
tick = 500
DepoTransform
[depotransform-apa4]
anode = AnodePlane:apa4
drift_speed = 0.0016
first_frame_number = 100
fluctuate = True
nsigma = 3
pirs = list(3)
readout_time = 3062500
rng = Random
start_time = -62500
tick = 500
DepoTransform
[depotransform-apa5]
anode = AnodePlane:apa5
drift_speed = 0.0016
first_frame_number = 100
fluctuate = True
nsigma = 3
pirs = list(3)
readout_time = 3062500
rng = Random
start_time = -62500
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
Reframer
[reframer-apa2]
anode = AnodePlane:apa2
fill = 0
nticks = 6000
tags = list(0)
tbin = 125
toffset = 0
Reframer
[reframer-apa3]
anode = AnodePlane:apa3
fill = 0
nticks = 6000
tags = list(0)
tbin = 125
toffset = 0
Reframer
[reframer-apa4]
anode = AnodePlane:apa4
fill = 0
nticks = 6000
tags = list(0)
tbin = 125
toffset = 0
Reframer
[reframer-apa5]
anode = AnodePlane:apa5
fill = 0
nticks = 6000
tags = list(0)
tbin = 125
toffset = 0
AddNoise
[addnoise-empericalnoise-apa0]
model = EmpiricalNoiseModel:empericalnoise-apa0
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa1]
model = EmpiricalNoiseModel:empericalnoise-apa1
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa2]
model = EmpiricalNoiseModel:empericalnoise-apa2
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa3]
model = EmpiricalNoiseModel:empericalnoise-apa3
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa4]
model = EmpiricalNoiseModel:empericalnoise-apa4
nsamples = 6000
replacement_percentage = 0.02
rng = Random
AddNoise
[addnoise-empericalnoise-apa5]
model = EmpiricalNoiseModel:empericalnoise-apa5
nsamples = 6000
replacement_percentage = 0.02
rng = Random
EmpiricalNoiseModel
[empericalnoise-apa0]
anode = AnodePlane:apa0
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa1]
anode = AnodePlane:apa1
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa2]
anode = AnodePlane:apa2
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa3]
anode = AnodePlane:apa3
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa4]
anode = AnodePlane:apa4
chanstat =
nsamples = 6000
period = 500
spectra_file = protodune-noise-spectra-v1.json.bz2
wire_length_scale = 10
EmpiricalNoiseModel
[empericalnoise-apa5]
anode = AnodePlane:apa5
chanstat =
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)
frame_tag = orig0
fullscale = list(2)
gain = 1
resolution = 12
Digitizer
[digitizer-apa1]
anode = AnodePlane:apa1
baselines = list(3)
frame_tag = orig1
fullscale = list(2)
gain = 1
resolution = 12
Digitizer
[digitizer-apa2]
anode = AnodePlane:apa2
baselines = list(3)
frame_tag = orig2
fullscale = list(2)
gain = 1
resolution = 12
Digitizer
[digitizer-apa3]
anode = AnodePlane:apa3
baselines = list(3)
frame_tag = orig3
fullscale = list(2)
gain = 1
resolution = 12
Digitizer
[digitizer-apa4]
anode = AnodePlane:apa4
baselines = list(3)
frame_tag = orig4
fullscale = list(2)
gain = 1
resolution = 12
Digitizer
[digitizer-apa5]
anode = AnodePlane:apa5
baselines = list(3)
frame_tag = orig5
fullscale = list(2)
gain = 1
resolution = 12
OmnibusSigProc
[sigproc-apa0]
ADC_mV = 2925714285.71
anode = AnodePlane:apa0
ctoffset = -7
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 0
gauss_tag = gauss0
lroi_jump_one_bin = 1
lroi_rebin = 6
lroi_th_factor = 3.5
lroi_th_factor1 = 0.7
per_chan_resp =
postgain = 1
r_fake_signal_high_th = 750
r_fake_signal_high_th_ind_factor = 1
r_fake_signal_low_th = 375
r_fake_signal_low_th_ind_factor = 1
r_low_peak_sep_threshold_pre = 1200
r_sep_peak = 6
r_th_factor = 3
r_th_peak = 3
troi_col_th_factor = 5
troi_ind_th_factor = 3
wiener_tag = wiener0
wiener_threshold_tag = threshold0
OmnibusSigProc
[sigproc-apa1]
ADC_mV = 2925714285.71
anode = AnodePlane:apa1
ctoffset = -7
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 0
gauss_tag = gauss1
lroi_jump_one_bin = 1
lroi_rebin = 6
lroi_th_factor = 3.5
lroi_th_factor1 = 0.7
per_chan_resp =
postgain = 1
r_fake_signal_high_th = 750
r_fake_signal_high_th_ind_factor = 1
r_fake_signal_low_th = 375
r_fake_signal_low_th_ind_factor = 1
r_low_peak_sep_threshold_pre = 1200
r_sep_peak = 6
r_th_factor = 3
r_th_peak = 3
troi_col_th_factor = 5
troi_ind_th_factor = 3
wiener_tag = wiener1
wiener_threshold_tag = threshold1
OmnibusSigProc
[sigproc-apa2]
ADC_mV = 2925714285.71
anode = AnodePlane:apa2
ctoffset = -7
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 0
gauss_tag = gauss2
lroi_jump_one_bin = 1
lroi_rebin = 6
lroi_th_factor = 3.5
lroi_th_factor1 = 0.7
per_chan_resp =
postgain = 1
r_fake_signal_high_th = 750
r_fake_signal_high_th_ind_factor = 1
r_fake_signal_low_th = 375
r_fake_signal_low_th_ind_factor = 1
r_low_peak_sep_threshold_pre = 1200
r_sep_peak = 6
r_th_factor = 3
r_th_peak = 3
troi_col_th_factor = 5
troi_ind_th_factor = 3
wiener_tag = wiener2
wiener_threshold_tag = threshold2
OmnibusSigProc
[sigproc-apa3]
ADC_mV = 2925714285.71
anode = AnodePlane:apa3
ctoffset = -7
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 0
gauss_tag = gauss3
lroi_jump_one_bin = 1
lroi_rebin = 6
lroi_th_factor = 3.5
lroi_th_factor1 = 0.7
per_chan_resp =
postgain = 1
r_fake_signal_high_th = 750
r_fake_signal_high_th_ind_factor = 1
r_fake_signal_low_th = 375
r_fake_signal_low_th_ind_factor = 1
r_low_peak_sep_threshold_pre = 1200
r_sep_peak = 6
r_th_factor = 3
r_th_peak = 3
troi_col_th_factor = 5
troi_ind_th_factor = 3
wiener_tag = wiener3
wiener_threshold_tag = threshold3
OmnibusSigProc
[sigproc-apa4]
ADC_mV = 2925714285.71
anode = AnodePlane:apa4
ctoffset = -7
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 0
gauss_tag = gauss4
lroi_jump_one_bin = 1
lroi_rebin = 6
lroi_th_factor = 3.5
lroi_th_factor1 = 0.7
per_chan_resp =
postgain = 1
r_fake_signal_high_th = 750
r_fake_signal_high_th_ind_factor = 1
r_fake_signal_low_th = 375
r_fake_signal_low_th_ind_factor = 1
r_low_peak_sep_threshold_pre = 1200
r_sep_peak = 6
r_th_factor = 3
r_th_peak = 3
troi_col_th_factor = 5
troi_ind_th_factor = 3
wiener_tag = wiener4
wiener_threshold_tag = threshold4
OmnibusSigProc
[sigproc-apa5]
ADC_mV = 2925714285.71
anode = AnodePlane:apa5
ctoffset = -7
fft_flag = 0
field_response = FieldResponse:field0
ftoffset = 0
gauss_tag = gauss5
lroi_jump_one_bin = 1
lroi_rebin = 6
lroi_th_factor = 3.5
lroi_th_factor1 = 0.7
per_chan_resp =
postgain = 1
r_fake_signal_high_th = 750
r_fake_signal_high_th_ind_factor = 1
r_fake_signal_low_th = 375
r_fake_signal_low_th_ind_factor = 1
r_low_peak_sep_threshold_pre = 1200
r_sep_peak = 6
r_th_factor = 3
r_th_peak = 3
troi_col_th_factor = 5
troi_ind_th_factor = 3
wiener_tag = wiener5
wiener_threshold_tag = threshold5
FieldResponse
[field0]
filename = garfield-1d-boundary-path-rev-dune.json.bz2
PlaneImpactResponse
[PIRfield0plane2]
field_response = FieldResponse:field0
long_padding = 1500000
long_responses = list(1)
nticks = 6125
overall_short_padding = 100000
plane = 2
short_responses = list(1)
tick = 500
PlaneImpactResponse
[PIRfield0plane0]
field_response = FieldResponse:field0
long_padding = 1500000
long_responses = list(1)
nticks = 6125
overall_short_padding = 100000
plane = 0
short_responses = list(1)
tick = 500
PlaneImpactResponse
[PIRfield0plane1]
field_response = FieldResponse:field0
long_padding = 1500000
long_responses = list(1)
nticks = 6125
overall_short_padding = 100000
plane = 1
short_responses = list(1)
tick = 500
Random
(unnamed)
generator = default
seeds = list(5)
SumSlices
[slicing-apa0]
anode = AnodePlane:apa0
tag =
tick_span = 4
SumSlices
[slicing-apa1]
anode = AnodePlane:apa1
tag =
tick_span = 4
SumSlices
[slicing-apa2]
anode = AnodePlane:apa2
tag =
tick_span = 4
SumSlices
[slicing-apa3]
anode = AnodePlane:apa3
tag =
tick_span = 4
SumSlices
[slicing-apa4]
anode = AnodePlane:apa4
tag =
tick_span = 4
SumSlices
[slicing-apa5]
anode = AnodePlane:apa5
tag =
tick_span = 4
SliceFanout
[slicefanout-apa0]
multiplicity = 2
SliceFanout
[slicefanout-apa1]
multiplicity = 2
SliceFanout
[slicefanout-apa2]
multiplicity = 2
SliceFanout
[slicefanout-apa3]
multiplicity = 2
SliceFanout
[slicefanout-apa4]
multiplicity = 2
SliceFanout
[slicefanout-apa5]
multiplicity = 2
GridTiling
[tiling-apa0-face0]
anode = AnodePlane:apa0
face = 0
GridTiling
[tiling-apa0-face1]
anode = AnodePlane:apa0
face = 1
GridTiling
[tiling-apa1-face0]
anode = AnodePlane:apa1
face = 0
GridTiling
[tiling-apa1-face1]
anode = AnodePlane:apa1
face = 1
GridTiling
[tiling-apa2-face0]
anode = AnodePlane:apa2
face = 0
GridTiling
[tiling-apa2-face1]
anode = AnodePlane:apa2
face = 1
GridTiling
[tiling-apa3-face0]
anode = AnodePlane:apa3
face = 0
GridTiling
[tiling-apa3-face1]
anode = AnodePlane:apa3
face = 1
GridTiling
[tiling-apa4-face0]
anode = AnodePlane:apa4
face = 0
GridTiling
[tiling-apa4-face1]
anode = AnodePlane:apa4
face = 1
GridTiling
[tiling-apa5-face0]
anode = AnodePlane:apa5
face = 0
GridTiling
[tiling-apa5-face1]
anode = AnodePlane:apa5
face = 1
BlobSetSync
[blobsetsync-apa0]
multiplicity = 2
BlobSetSync
[blobsetsync-apa1]
multiplicity = 2
BlobSetSync
[blobsetsync-apa2]
multiplicity = 2
BlobSetSync
[blobsetsync-apa3]
multiplicity = 2
BlobSetSync
[blobsetsync-apa4]
multiplicity = 2
BlobSetSync
[blobsetsync-apa5]
multiplicity = 2
BlobClustering
[blobclustering-apa0]
spans = 1
BlobClustering
[blobclustering-apa1]
spans = 1
BlobClustering
[blobclustering-apa2]
spans = 1
BlobClustering
[blobclustering-apa3]
spans = 1
BlobClustering
[blobclustering-apa4]
spans = 1
BlobClustering
[blobclustering-apa5]
spans = 1
BlobGrouping
[blobgrouping-apa0]
BlobGrouping
[blobgrouping-apa1]
BlobGrouping
[blobgrouping-apa2]
BlobGrouping
[blobgrouping-apa3]
BlobGrouping
[blobgrouping-apa4]
BlobGrouping
[blobgrouping-apa5]
BlobSolving
[blobsolving-apa0]
threshold = 0
BlobSolving
[blobsolving-apa1]
threshold = 0
BlobSolving
[blobsolving-apa2]
threshold = 0
BlobSolving
[blobsolving-apa3]
threshold = 0
BlobSolving
[blobsolving-apa4]
threshold = 0
BlobSolving
[blobsolving-apa5]
threshold = 0
JsonClusterTap
[clustertap-apa0]
drift_speed = 0.0016
filename = clusters-apa0-%04d.json
JsonClusterTap
[clustertap-apa1]
drift_speed = 0.0016
filename = clusters-apa1-%04d.json
JsonClusterTap
[clustertap-apa2]
drift_speed = 0.0016
filename = clusters-apa2-%04d.json
JsonClusterTap
[clustertap-apa3]
drift_speed = 0.0016
filename = clusters-apa3-%04d.json
JsonClusterTap
[clustertap-apa4]
drift_speed = 0.0016
filename = clusters-apa4-%04d.json
JsonClusterTap
[clustertap-apa5]
drift_speed = 0.0016
filename = clusters-apa5-%04d.json
ClusterSink
[clustersink-apa0]
filename = clusters-apa-apa0-%d.dot
ClusterSink
[clustersink-apa1]
filename = clusters-apa-apa1-%d.dot
ClusterSink
[clustersink-apa2]
filename = clusters-apa-apa2-%d.dot
ClusterSink
[clustersink-apa3]
filename = clusters-apa-apa3-%d.dot
ClusterSink
[clustersink-apa4]
filename = clusters-apa-apa4-%d.dot
ClusterSink
[clustersink-apa5]
filename = clusters-apa-apa5-%d.dot
AnodePlane
[apa0]
faces = list(2)
ident = 0
nimpacts = 10
wire_schema = WireSchemaFile
AnodePlane
[apa1]
faces = list(2)
ident = 1
nimpacts = 10
wire_schema = WireSchemaFile
AnodePlane
[apa2]
faces = list(2)
ident = 2
nimpacts = 10
wire_schema = WireSchemaFile
AnodePlane
[apa3]
faces = list(2)
ident = 3
nimpacts = 10
wire_schema = WireSchemaFile
AnodePlane
[apa4]
faces = list(2)
ident = 4
nimpacts = 10
wire_schema = WireSchemaFile
AnodePlane
[apa5]
faces = list(2)
ident = 5
nimpacts = 10
wire_schema = WireSchemaFile