# dir = "C:/Users/smrTu/OneDrive/Documents/GithubC/CDIF/exampledata/"  
# filename = "Soleil/hdf5/file\_1.nxs"

#prefix ndx3: “NDX3\_00021\_ND\_\_DLPC\_\_00001/SWING/”

NDX3\_00021\_ND\_\_DLPC\_\_00001/ (Group)

attributes:

NX\_class: NXentry

name: {Entry Name}

NDX3: (Group)

attributes:

NX\_class: NXinstrument

name: {Name of instrument}

NDX3:ANS-C11\_\_EI\_\_C-U20\_\_#1/ (Group)

attributes:

NX\_class: NXinsertion\_device

name: {Name of insertion device}

NDX3:ANS-C11\_\_EI\_\_C-U20\_\_#1/gap (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: gap

timestamp: 2008-10-23T15-06-53.989

units: mm

NDX3:ANS\_\_CA\_\_MACHINESTATUS\_\_#1/ (Group)

attributes:

NX\_class: NXsource

name: source

NDX3:ANS\_\_CA\_\_MACHINESTATUS\_\_#1/LifeTime/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:ANS\_\_CA\_\_MACHINESTATUS\_\_#1/LifeTime/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-53.962

units: h

NDX3:ANS\_\_CA\_\_MACHINESTATUS\_\_#1/LifeTime/description (Dataset);

shape: (1,), dims: 1; dtype: |S82

Data value[0]: No description

See //172.17.22.6:20000/ANS/CA/MACHINESTATUS-DMZ/lifetime attribute

attributes:

description: Data description

NDX3:ANS\_\_CA\_\_MACHINESTATUS\_\_#1/current (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Accelerator current

timestamp: 2008-10-23T15-06-53.956

units: mA

NDX3:ANS\_\_CA\_\_MACHINESTATUS\_\_#1/mode (Dataset);

shape: (1,), dims: 1; dtype: |S9

Data value[0]: INJECTION

attributes:

description: synchrotron operating mode

timestamp: 2008-10-23T15-06-53.959

NDX3:ANS\_\_CA\_\_MACHINESTATUS\_\_#1/name (Dataset);

shape: (1,), dims: 1; dtype: |S6

Data value[0]: SOLEIL

attributes:

description: Name of source

NDX3:ANS\_\_CA\_\_MACHINESTATUS\_\_#1/probe (Dataset);

shape: (1,), dims: 1; dtype: |S5

Data value[0]: x-ray

NDX3:ANS\_\_CA\_\_MACHINESTATUS\_\_#1/type (Dataset);

shape: (1,), dims: 1; dtype: |S24

Data value[0]: Synchrotron light source

NDX3:Aviex/ (Group)

attributes:

NX\_class: NXdetector

name: {Name of detector bank}

NDX3:Aviex/Exposure/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/Exposure/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.425

units: ms

NDX3:Aviex/Exposure/description (Dataset);

shape: (1,), dims: 1; dtype: |S79

Data value[0]: Write : desired exposure time in ms corresponding to the opening of the shutter

attributes:

description: Data description

NDX3:Aviex/Frames/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/Frames/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.441

units:

NDX3:Aviex/Frames/description (Dataset);

shape: (1,), dims: 1; dtype: |S87

Data value[0]: Write : number of frames to take in each sequence

Read : current number of frames taken

attributes:

description: Data description

NDX3:Aviex/ROI1Xmax/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/ROI1Xmax/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.464

NDX3:Aviex/ROI1Xmin/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/ROI1Xmin/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.458

NDX3:Aviex/ROI1Ymax/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/ROI1Ymax/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.476

NDX3:Aviex/ROI1Ymin/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/ROI1Ymin/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.470

NDX3:Aviex/Saturation/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/Saturation/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.432

NDX3:Aviex/Saturation/description (Dataset);

shape: (1,), dims: 1; dtype: |S13

Data value[0]: to be removed

attributes:

description: Data description

NDX3:Aviex/ShutterCloseDelay/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/ShutterCloseDelay/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.498

units: ms

NDX3:Aviex/ShutterCloseDelay/description (Dataset);

shape: (1,), dims: 1; dtype: |S36

Data value[0]: Time spent by the shutter to close.

attributes:

description: Data description

NDX3:Aviex/ShutterMode/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/ShutterMode/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.494

NDX3:Aviex/ShutterMode/description (Dataset);

shape: (1,), dims: 1; dtype: |S92

Data value[0]: 0=OPEN\_NEVER, 1=OPEN\_PRE\_EXPOSURE, 2=OPEN\_PRE\_SEQUENCE, 3=OPEN\_PRE\_TRIGGER, 4=OPEN\_NO\_CHANGE

attributes:

description: Data description

NDX3:Aviex/Trigger/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/Trigger/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.447

units:

NDX3:Aviex/Trigger/description (Dataset);

shape: (1,), dims: 1; dtype: |S125

Data value[0]: Write : trigger mode

0 = freerun

1 = software trigger

2 = external trigger, positive edge

3 = external trigger, negative edge

attributes:

description: Data description

NDX3:Aviex/UseROI/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/UseROI/data (Dataset);

shape: (1,), dims: 1; dtype: uint8

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.453

NDX3:Aviex/UseROI/description (Dataset);

shape: (1,), dims: 1; dtype: |S69

Data value[0]: Write : using roi setup

true = use defined roi

false = do not use roi

attributes:

description: Data description

NDX3:Aviex/Xbin/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/Xbin/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.482

NDX3:Aviex/Xbin/description (Dataset);

shape: (1,), dims: 1; dtype: |S42

Data value[0]: The binning value for the horizontal axis.

attributes:

description: Data description

NDX3:Aviex/Ybin/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:Aviex/Ybin/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.489

NDX3:Aviex/Ybin/description (Dataset);

shape: (1,), dims: 1; dtype: |S40

Data value[0]: The binning value for the vertical axis.

attributes:

description: Data description

NDX3:Aviex/distance (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Dynamic Attribute from Publisher device

timestamp: 2008-10-23T15-06-55.778

NDX3:Aviex/type (Dataset);

shape: (1,), dims: 1; dtype: |S5

Data value[0]: Aviex

attributes:

description: Description of type such as He3 gas cylinder, He3 PSD,

scintillator, fission chamber, proportion counter,

ion chamber, ccd, pixel, image plate, cmos, ...

NDX3:I11-C-C00\_\_CA\_\_SAI.B\_\_#1/ (Group)

attributes:

NX\_class: NXsai\_controller

name: {controller name}

NDX3:I11-C-C00\_\_CA\_\_SAI.B\_\_#1/Frequency/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C00\_\_CA\_\_SAI.B\_\_#1/Frequency/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-53.999

units: Hz

NDX3:I11-C-C00\_\_CA\_\_SAI.B\_\_#1/Frequency/description (Dataset);

shape: (1,), dims: 1; dtype: |S29

Data value[0]: DAQ board sampling frequency

attributes:

description: Data description

NDX3:I11-C-C00\_\_CA\_\_SAI.B\_\_#1/IntegrationTime/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C00\_\_CA\_\_SAI.B\_\_#1/IntegrationTime/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-54.002

units: ms

NDX3:I11-C-C00\_\_CA\_\_SAI.B\_\_#1/IntegrationTime/description (Dataset);

shape: (1,), dims: 1; dtype: |S23

Data value[0]: buffer integration time

attributes:

description: Data description

NDX3:I11-C-C00\_\_CA\_\_SAI.B\_\_#1/TriggerNumber/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C00\_\_CA\_\_SAI.B\_\_#1/TriggerNumber/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-54.005

units:

NDX3:I11-C-C00\_\_CA\_\_SAI.B\_\_#1/TriggerNumber/description (Dataset);

shape: (1,), dims: 1; dtype: |S148

Data value[0]: set to 0 at init, means that extern trigger mode disabled.

if triggerNumber > 0, means extern trigger mode enabled.

read part is the current trigger

attributes:

description: Data description

NDX3:I11-C-C00\_\_CA\_\_SAI.C\_\_#1/ (Group)

attributes:

NX\_class: NXsai\_controller

name: {controller name}

NDX3:I11-C-C00\_\_CA\_\_SAI.C\_\_#1/Frequency/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C00\_\_CA\_\_SAI.C\_\_#1/Frequency/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-54.021

units: Hz

NDX3:I11-C-C00\_\_CA\_\_SAI.C\_\_#1/Frequency/description (Dataset);

shape: (1,), dims: 1; dtype: |S29

Data value[0]: DAQ board sampling frequency

attributes:

description: Data description

NDX3:I11-C-C00\_\_CA\_\_SAI.C\_\_#1/IntegrationTime/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C00\_\_CA\_\_SAI.C\_\_#1/IntegrationTime/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-54.031

units: ms

NDX3:I11-C-C00\_\_CA\_\_SAI.C\_\_#1/IntegrationTime/description (Dataset);

shape: (1,), dims: 1; dtype: |S23

Data value[0]: buffer integration time

attributes:

description: Data description

NDX3:I11-C-C00\_\_CA\_\_SAI.C\_\_#1/TriggerNumber/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C00\_\_CA\_\_SAI.C\_\_#1/TriggerNumber/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-54.041

units:

NDX3:I11-C-C00\_\_CA\_\_SAI.C\_\_#1/TriggerNumber/description (Dataset);

shape: (1,), dims: 1; dtype: |S148

Data value[0]: set to 0 at init, means that extern trigger mode disabled.

if triggerNumber > 0, means extern trigger mode enabled.

read part is the current trigger

attributes:

description: Data description

NDX3:I11-C-C00\_\_CA\_\_SAI.D\_\_#1/ (Group)

attributes:

NX\_class: NXsai\_controller

name: {controller name}

NDX3:I11-C-C00\_\_CA\_\_SAI.D\_\_#1/Frequency/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C00\_\_CA\_\_SAI.D\_\_#1/Frequency/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-54.058

units: Hz

NDX3:I11-C-C00\_\_CA\_\_SAI.D\_\_#1/Frequency/description (Dataset);

shape: (1,), dims: 1; dtype: |S29

Data value[0]: DAQ board sampling frequency

attributes:

description: Data description

NDX3:I11-C-C00\_\_CA\_\_SAI.D\_\_#1/IntegrationTime/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C00\_\_CA\_\_SAI.D\_\_#1/IntegrationTime/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-54.068

units: ms

NDX3:I11-C-C00\_\_CA\_\_SAI.D\_\_#1/IntegrationTime/description (Dataset);

shape: (1,), dims: 1; dtype: |S23

Data value[0]: buffer integration time

attributes:

description: Data description

NDX3:I11-C-C00\_\_CA\_\_SAI.D\_\_#1/TriggerNumber/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C00\_\_CA\_\_SAI.D\_\_#1/TriggerNumber/data (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-54.096

units:

NDX3:I11-C-C00\_\_CA\_\_SAI.D\_\_#1/TriggerNumber/description (Dataset);

shape: (1,), dims: 1; dtype: |S148

Data value[0]: set to 0 at init, means that extern trigger mode disabled.

if triggerNumber > 0, means extern trigger mode enabled.

read part is the current trigger

attributes:

description: Data description

NDX3:I11-C-C03\_\_OP\_\_MONO\_\_#1/ (Group)

attributes:

NX\_class: NXmonochromator

name: name of monochromator

NDX3:I11-C-C03\_\_OP\_\_MONO\_\_#1/energy (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: energy selected

timestamp: 2008-10-23T15-06-54.136

units: keV

NDX3:I11-C-C03\_\_OP\_\_MONO\_\_#1/wavelength (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: wavelength selected

timestamp: 2008-10-23T15-06-54.129

units:char encoding problem b'\xc5'

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_D\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_D\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C04/EX/FENT\_AL1-MT\_D

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_D\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.147

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_D\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.145

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_D\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_D\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C04/EX/FENT\_AL1-MT\_D

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_D\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.618

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_D\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.617

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_I\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_I\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C04/EX/FENT\_AL1-MT\_I

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_I\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.158

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_I\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.157

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_I\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_I\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C04/EX/FENT\_AL1-MT\_I

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_I\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.628

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_I\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.626

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_O\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_O\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C04/EX/FENT\_AL1-MT\_O

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_O\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.176

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_O\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.174

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_O\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_O\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C04/EX/FENT\_AL1-MT\_O

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_O\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.639

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_O\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.638

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_U\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_U\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C04/EX/FENT\_AL1-MT\_U

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_U\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.209

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_U\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.208

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_U\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_U\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C04/EX/FENT\_AL1-MT\_U

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_U\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.650

units: mm

NDX3:I11-C-C04\_\_EX\_\_FENT\_AL1-MT\_U\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.648

units: mm

NDX3:I11-C-C05\_\_OP\_\_KB.1-MT\_Rx\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C05\_\_OP\_\_KB.1-MT\_Rx\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S23

Data value[0]: I11-C-C05/OP/KB.1-MT\_Rx

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C05\_\_OP\_\_KB.1-MT\_Rx\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.217

units: mRad

NDX3:I11-C-C05\_\_OP\_\_KB.1-MT\_Rx\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.217

units: mRad

NDX3:I11-C-C05\_\_OP\_\_KB.1-MT\_Tz\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C05\_\_OP\_\_KB.1-MT\_Tz\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S23

Data value[0]: I11-C-C05/OP/KB.1-MT\_Tz

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C05\_\_OP\_\_KB.1-MT\_Tz\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.226

units: mm

NDX3:I11-C-C05\_\_OP\_\_KB.1-MT\_Tz\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.225

units: mm

NDX3:I11-C-C05\_\_OP\_\_KB.2-MT\_Rz\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C05\_\_OP\_\_KB.2-MT\_Rz\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S23

Data value[0]: I11-C-C05/OP/KB.2-MT\_Rz

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C05\_\_OP\_\_KB.2-MT\_Rz\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.235

units: mRad

NDX3:I11-C-C05\_\_OP\_\_KB.2-MT\_Rz\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.234

units: mRad

NDX3:I11-C-C05\_\_OP\_\_KB.2-MT\_Tx\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C05\_\_OP\_\_KB.2-MT\_Tx\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S23

Data value[0]: I11-C-C05/OP/KB.2-MT\_Tx

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C05\_\_OP\_\_KB.2-MT\_Tx\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.245

units: mm

NDX3:I11-C-C05\_\_OP\_\_KB.2-MT\_Tx\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.244

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_D\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_D\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C06/EX/FENT\_AL2-MT\_D

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_D\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.258

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_D\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.256

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_D\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_D\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C06/EX/FENT\_AL2-MT\_D

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_D\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.660

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_D\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.658

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_I\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_I\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C06/EX/FENT\_AL2-MT\_I

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_I\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.268

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_I\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.267

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_I\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_I\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C06/EX/FENT\_AL2-MT\_I

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_I\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.670

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_I\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.668

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_O\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_O\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C06/EX/FENT\_AL2-MT\_O

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_O\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.326

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_O\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.325

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_O\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_O\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C06/EX/FENT\_AL2-MT\_O

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_O\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.682

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_O\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.680

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_U\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_U\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C06/EX/FENT\_AL2-MT\_U

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_U\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.343

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_U\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.341

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_U\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_U\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C06/EX/FENT\_AL2-MT\_U

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_U\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.740

units: mm

NDX3:I11-C-C06\_\_EX\_\_FENT\_AL2-MT\_U\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.704

units: mm

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/ (Group)

attributes:

NX\_class: NXintensity\_monitor

name: {monitor name}

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/AverageIntensity/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/AverageIntensity/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-49.500

units: A

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/AverageIntensity/description (Dataset);

shape: (1,), dims: 1; dtype: |S91

Data value[0]: average Intensity calculated from the acquisition buffer

Imoy = (Vmoy - offset)/Gain - Bias

attributes:

description: Data description

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/Gain/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/Gain/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-49.490

units:

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/Gain/description (Dataset);

shape: (1,), dims: 1; dtype: |S46

Data value[0]: - gain reads from the femtoCurrentAmplifier DS

attributes:

description: Data description

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/bias/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/bias/data (Dataset);

shape: (1,), dims: 1; dtype: |S37

Data value[0]: [tango://I11-C-C07/DT/MI\_DIODE.5/bias

attributes:

description: Data values

long\_name: {Title of technical data}

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/bias/description (Dataset);

shape: (1,), dims: 1; dtype: |S49

Data value[0]: [tango://I11-C-C07/DT/MI\_DIODE.5/bias.description

attributes:

description: Data description

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/intensity (Dataset);

shape: (10,), dims: 1; dtype: float64

attributes:

description: average intensity

timestamp: 2008-10-23T15-09-49.712

units: A

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/offset/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/offset/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-49.503

units: V

NDX3:I11-C-C07\_\_DT\_\_MI\_DIODE.5/offset/description (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: femto input voltage offset

attributes:

description: Data description

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_D\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_D\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C07/EX/FENT\_AD3-MT\_D

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_D\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.353

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_D\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.352

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_D\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_D\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C07/EX/FENT\_AD3-MT\_D

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_D\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.769

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_D\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.767

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_I\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_I\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C07/EX/FENT\_AD3-MT\_I

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_I\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.379

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_I\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.378

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_I\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_I\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C07/EX/FENT\_AD3-MT\_I

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_I\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.780

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_I\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.778

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_O\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_O\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C07/EX/FENT\_AD3-MT\_O

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_O\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.409

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_O\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.407

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_O\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_O\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C07/EX/FENT\_AD3-MT\_O

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_O\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.790

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_O\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.788

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_U\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_U\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C07/EX/FENT\_AD3-MT\_U

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_U\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.425

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_U\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.422

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_U\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_U\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C07/EX/FENT\_AD3-MT\_U

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_U\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.799

units: User Unit

NDX3:I11-C-C07\_\_EX\_\_FENT\_AD3-MT\_U\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.798

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_D\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_D\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C08/EX/FENT\_AD4-MT\_D

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_D\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.437

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_D\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.435

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_D\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_D\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C08/EX/FENT\_AD4-MT\_D

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_D\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.808

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_D\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.807

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_I\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_I\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C08/EX/FENT\_AD4-MT\_I

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_I\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.451

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_I\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.449

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_I\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_I\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C08/EX/FENT\_AD4-MT\_I

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_I\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.818

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_I\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.816

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_O\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_O\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C08/EX/FENT\_AD4-MT\_O

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_O\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.461

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_O\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.459

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_O\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_O\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C08/EX/FENT\_AD4-MT\_O

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_O\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.827

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_O\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.825

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_U\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_U\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C08/EX/FENT\_AD4-MT\_U

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_U\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.471

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_U\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.470

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_U\_\_#2/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_U\_\_#2/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C08/EX/FENT\_AD4-MT\_U

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_U\_\_#2/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-09-50.836

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_FENT\_AD4-MT\_U\_\_#2/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-09-50.835

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_TX.2\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_TX.2\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C08/EX/TAB.1-MT\_TX.2

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_TX.2\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.499

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_TX.2\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.497

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_TZ.2\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_TZ.2\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C08/EX/TAB.1-MT\_TZ.2

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_TZ.2\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.524

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_TZ.2\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.522

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_Tx\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_Tx\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S24

Data value[0]: I11-C-C08/EX/TAB.1-MT\_Tx

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_Tx\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-54.487

units: User Unit

NDX3:I11-C-C08\_\_EX\_\_TAB.1-MT\_Tx\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-54.485

units: mm

NDX3:I11-C-C09\_\_DT\_\_DTC\_CCD.A/ (Group)

attributes:

NX\_class: NXdetector

name: {Name of detector bank}

NDX3:I11-C-C09\_\_DT\_\_DTC\_CCD.A/Exposure/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_DTC\_CCD.A/Exposure/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-38.425

units: ms

NDX3:I11-C-C09\_\_DT\_\_DTC\_CCD.A/Exposure/description (Dataset);

shape: (1,), dims: 1; dtype: |S79

Data value[0]: Write : desired exposure time in ms corresponding to the opening of the shutter

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_DTC\_CCD.A\_\_#1/ (Group)

attributes:

NX\_class: NXdetector

name: {Name of detector bank}

NDX3:I11-C-C09\_\_DT\_\_DTC\_CCD.A\_\_#1/Exposure/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_DTC\_CCD.A\_\_#1/Exposure/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-55.540

units: ms

NDX3:I11-C-C09\_\_DT\_\_DTC\_CCD.A\_\_#1/Exposure/description (Dataset);

shape: (1,), dims: 1; dtype: |S79

Data value[0]: Write : desired exposure time in ms corresponding to the opening of the shutter

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/ (Group)

attributes:

NX\_class: NXintensity\_monitor

name: {monitor name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/AverageIntensity/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/AverageIntensity/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-50.060

units: A

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/AverageIntensity/description (Dataset);

shape: (1,), dims: 1; dtype: |S91

Data value[0]: average Intensity calculated from the acquisition buffer

Imoy = (Vmoy - offset)/Gain - Bias

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/Gain/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/Gain/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-49.963

units:

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/Gain/description (Dataset);

shape: (1,), dims: 1; dtype: |S46

Data value[0]: - gain reads from the femtoCurrentAmplifier DS

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/bias/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/bias/data (Dataset);

shape: (1,), dims: 1; dtype: |S38

Data value[0]: [tango://I11-C-C09/DT/MI\_DIODE.8a/bias

attributes:

description: Data values

long\_name: {Title of technical data}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/bias/description (Dataset);

shape: (1,), dims: 1; dtype: |S50

Data value[0]: [tango://I11-C-C09/DT/MI\_DIODE.8a/bias.description

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/intensity (Dataset);

shape: (10,), dims: 1; dtype: float64

attributes:

description: average intensity

timestamp: 2008-10-23T15-09-50.343

units: A

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/offset/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/offset/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-09-50.174

units: V

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a/offset/description (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: femto input voltage offset

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/ (Group)

attributes:

NX\_class: NXintensity\_monitor

name: {monitor name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/AverageIntensity/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/AverageIntensity/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-55.642

units: A

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/AverageIntensity/description (Dataset);

shape: (1,), dims: 1; dtype: |S91

Data value[0]: average Intensity calculated from the acquisition buffer

Imoy = (Vmoy - offset)/Gain - Bias

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/Gain/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/Gain/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-55.631

units:

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/Gain/description (Dataset);

shape: (1,), dims: 1; dtype: |S46

Data value[0]: - gain reads from the femtoCurrentAmplifier DS

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/bias/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/bias/data (Dataset);

shape: (1,), dims: 1; dtype: |S38

Data value[0]: [tango://I11-C-C09/DT/MI\_DIODE.8a/bias

attributes:

description: Data values

long\_name: {Title of technical data}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/bias/description (Dataset);

shape: (1,), dims: 1; dtype: |S50

Data value[0]: [tango://I11-C-C09/DT/MI\_DIODE.8a/bias.description

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/offset/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/offset/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-55.646

units: V

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.8a\_\_#1/offset/description (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: femto input voltage offset

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/ (Group)

attributes:

NX\_class: NXintensity\_monitor

name: {monitor name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/AverageIntensity/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/AverageIntensity/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-55.668

units: A

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/AverageIntensity/description (Dataset);

shape: (1,), dims: 1; dtype: |S91

Data value[0]: average Intensity calculated from the acquisition buffer

Imoy = (Vmoy - offset)/Gain - Bias

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/Gain/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/Gain/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-55.657

units:

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/Gain/description (Dataset);

shape: (1,), dims: 1; dtype: |S46

Data value[0]: - gain reads from the femtoCurrentAmplifier DS

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/bias/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/bias/data (Dataset);

shape: (1,), dims: 1; dtype: |S37

Data value[0]: [tango://I11-C-C09/DT/MI\_DIODE.9/bias

attributes:

description: Data values

long\_name: {Title of technical data}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/bias/description (Dataset);

shape: (1,), dims: 1; dtype: |S49

Data value[0]: [tango://I11-C-C09/DT/MI\_DIODE.9/bias.description

attributes:

description: Data description

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/offset/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/offset/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-55.671

units: V

NDX3:I11-C-C09\_\_DT\_\_MI\_DIODE.9\_\_#1/offset/description (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: femto input voltage offset

attributes:

description: Data description

NDX3:I11-C-C09\_\_EX\_\_BST.3-MT\_Tx\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C09\_\_EX\_\_BST.3-MT\_Tx\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S24

Data value[0]: I11-C-C09/EX/BST.3-MT\_Tx

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C09\_\_EX\_\_BST.3-MT\_Tx\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-55.686

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_BST.3-MT\_Tx\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-55.684

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_BST.3-MT\_Tz\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C09\_\_EX\_\_BST.3-MT\_Tz\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S24

Data value[0]: I11-C-C09/EX/BST.3-MT\_Tz

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C09\_\_EX\_\_BST.3-MT\_Tz\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-55.695

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_BST.3-MT\_Tz\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-55.694

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_BST.6-MT\_Tx\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C09\_\_EX\_\_BST.6-MT\_Tx\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S24

Data value[0]: I11-C-C09/EX/BST.6-MT\_Tx

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C09\_\_EX\_\_BST.6-MT\_Tx\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-55.706

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_BST.6-MT\_Tx\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-55.704

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_BST.6-MT\_Tz\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C09\_\_EX\_\_BST.6-MT\_Tz\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S24

Data value[0]: I11-C-C09/EX/BST.6-MT\_Tz

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C09\_\_EX\_\_BST.6-MT\_Tz\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-55.714

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_BST.6-MT\_Tz\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-55.713

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_SPT.1-MT\_Ts\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C09\_\_EX\_\_SPT.1-MT\_Ts\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S24

Data value[0]: I11-C-C09/EX/SPT.1-MT\_Ts

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C09\_\_EX\_\_SPT.1-MT\_Ts\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-55.807

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_SPT.1-MT\_Ts\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-55.805

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_SPT.2-MT\_Tx\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C09\_\_EX\_\_SPT.2-MT\_Tx\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S24

Data value[0]: I11-C-C09/EX/SPT.2-MT\_Tx

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C09\_\_EX\_\_SPT.2-MT\_Tx\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-55.819

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_SPT.2-MT\_Tx\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-55.817

units: mm

NDX3:I11-C-C09\_\_EX\_\_SPT.2-MT\_Tz.1\_\_#1/ (Group)

attributes:

NX\_class: NXpositioner

name: {Name of positioner}

NDX3:I11-C-C09\_\_EX\_\_SPT.2-MT\_Tz.1\_\_#1/controller\_record (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: I11-C-C09/EX/SPT.2-MT\_Tz.1

attributes:

description: Hardware device record, e.g. EPICS process variable, taco/tango ...

NDX3:I11-C-C09\_\_EX\_\_SPT.2-MT\_Tz.1\_\_#1/offset (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: offset added to values to meet user's needings

timestamp: 2008-10-23T15-06-55.828

units: User Unit

NDX3:I11-C-C09\_\_EX\_\_SPT.2-MT\_Tz.1\_\_#1/raw\_value (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: raw value of positioner - need [n] as may be scanned

timestamp: 2008-10-23T15-06-55.826

units: User Unit

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/ (Group)

attributes:

NX\_class: NXsample

name: {name of the sample}

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/ (Group)

attributes:

NX\_class: NXenvironment

name: {Name of sample environment}

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/ (Group)

attributes:

NX\_class: NXsensor

name: {Name of sensor}

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/externalTemperature/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/externalTemperature/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-55.523

units:char encoding problem b'\xb0C'

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/externalTemperature/description (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: external probe measurement

attributes:

description: Data description

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/internalTemperature/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/internalTemperature/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-55.412

units:char encoding problem b'\xb0C'

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/internalTemperature/description (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: intrenal probe measurement

attributes:

description: Data description

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/measurement (Dataset);

shape: (1,), dims: 1; dtype: |S11

Data value[0]: temperature

attributes:

description: what we measure "temperature | pH | magnetic\_field | electric field | conductivity | resistance | voltage | pressure | flow | stress | strain | shear | surface\_pressure"

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/model (Dataset);

shape: (1,), dims: 1; dtype: |S17

Data value[0]: thermostated bath

attributes:

description: Sensor identification code/model number

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/name (Dataset);

shape: (1,), dims: 1; dtype: |S25

Data value[0]: I11-C-C08/EX/THERM\_BATH.1

attributes:

description: Name for the sensor

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/setPointTemperature/ (Group)

attributes:

NX\_class: NXtechnical\_data

name: {Data name}

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/setPointTemperature/data (Dataset);

shape: (1,), dims: 1; dtype: float64

attributes:

description: Data values

long\_name: {Title of technical data}

timestamp: 2008-10-23T15-06-55.525

units:char encoding problem b'\xb0C'

NDX3\_00021\_ND\_\_DLPC\_\_00001/Sample/temperature\_env/I11-C-C08\_\_EX\_\_THERM\_BATH.1\_\_#1/setPointTemperature/description (Dataset);

shape: (1,), dims: 1; dtype: |S50

Data value[0]: set point temperature whatever the regulation mode

attributes:

description: Data description

NDX3\_00021\_ND\_\_DLPC\_\_00001/User/ (Group)

attributes:

NX\_class: NXuser

NDX3\_00021\_ND\_\_DLPC\_\_00001/User/address (Dataset);

shape: (1,), dims: 1; dtype: |S40

Data value[0]: Thorvaldsendsvej 40 1871 Frederiksberg C

attributes:

description: Address of user

NDX3\_00021\_ND\_\_DLPC\_\_00001/User/affiliation (Dataset);

shape: (1,), dims: 1; dtype: |S46

Data value[0]: Faculty of Life Sciences - Univ. of Copenhagen

attributes:

description: Affiliation of user

NDX3\_00021\_ND\_\_DLPC\_\_00001/User/email (Dataset);

shape: (1,), dims: 1; dtype: |S10

Data value[0]: lia@kvl.dk

attributes:

description: Email of user

NDX3\_00021\_ND\_\_DLPC\_\_00001/User/fax\_number (Dataset);

shape: (1,), dims: 1; dtype: |S12

Data value[0]: +45 35282350

attributes:

description: Fax number of user

NDX3\_00021\_ND\_\_DLPC\_\_00001/User/name (Dataset);

shape: (1,), dims: 1; dtype: |S11

Data value[0]: ARLETH Lise

attributes:

description: Name of user responsible for this entry

NDX3\_00021\_ND\_\_DLPC\_\_00001/User/role (Dataset);

shape: (1,), dims: 1; dtype: |S8

Data value[0]: proposer

attributes:

description: role of user responsible for this entry

NDX3\_00021\_ND\_\_DLPC\_\_00001/User/telephone\_number (Dataset);

shape: (1,), dims: 1; dtype: |S13

Data value[0]: +45 3528 2317

attributes:

description: Telephone number of user

NDX3\_00021\_ND\_\_DLPC\_\_00001/comment\_conditions/ (Group)

attributes:

NX\_class: NXnote

name: {name of note}

NDX3\_00021\_ND\_\_DLPC\_\_00001/comment\_conditions/data (Dataset);

shape: (1,), dims: 1; dtype: |S10

Data value[0]: no comment

attributes:

description: Binary note data - if text, line terminator is \r\n.

NDX3\_00021\_ND\_\_DLPC\_\_00001/comment\_conditions/type (Dataset);

shape: (1,), dims: 1; dtype: |S10

Data value[0]: text/plain

attributes:

description: Mime content type of note data field e.g. image/jpeg, text/plain, text/html

NDX3\_00021\_ND\_\_DLPC\_\_00001/definition (Dataset);

shape: (1,), dims: 1; dtype: |S7

Data value[0]: NXentry

attributes:

URL: http://www.nexus.anl.gov/classes/xml/NXentry.xml

description: Name of entry DTD

version: 1.0

NDX3\_00021\_ND\_\_DLPC\_\_00001/duration (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Duration of measurement

NDX3\_00021\_ND\_\_DLPC\_\_00001/end\_time (Dataset);

shape: (1,), dims: 1; dtype: |S24

Data value[0]: 2008-10-23T15:09:51+0100

attributes:

description: Ending time of measurement

NDX3\_00021\_ND\_\_DLPC\_\_00001/experiment\_identifier (Dataset);

shape: (1,), dims: 1; dtype: |S26

Data value[0]: NDX3\_00021\_ND\_\_DLPC\_\_00001

NDX3\_00021\_ND\_\_DLPC\_\_00001/experimental\_frame/ (Group)

attributes:

NX\_class: NXnote

name: {name of note}

NDX3\_00021\_ND\_\_DLPC\_\_00001/experimental\_frame/data (Dataset);

shape: (1,), dims: 1; dtype: |S268

!!Data value char encoding problem b'\_beamline\_: swing\n\_experiment\_type\_: Biologie\n\_beamline\_leader\_: Javier P\xe9rez\n\_group\_: swing\n\_local\_contact\_: perez\n\_logbook\_ref\_: {logbook-ref}\n\_project\_code\_: 20080365\n\_comments\_sample\_: nanodisk ND\_\_DLPC\_\n\_comments\_conditions\_: no comment\n\_processed\_data\_folder\_: \n'

attributes:

description: Binary note data - if text, line terminator is \r\n.

NDX3\_00021\_ND\_\_DLPC\_\_00001/experimental\_frame/type (Dataset);

shape: (1,), dims: 1; dtype: |S10

Data value[0]: text/plain

attributes:

description: Mime content type of note data field e.g. image/jpeg, text/plain, text/html

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#0/ (Group)

attributes:

NX\_class: NXdata

name: {Name of data block}

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#0/data (Dataset);

shape: (1024, 1024), dims: 2; dtype: uint16

attributes:

description: Read : selected Image (selectFrame and selectROI)

long\_name: image\_data

timestamp: 2008-10-23T15-09-39.175

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#1/ (Group)

attributes:

NX\_class: NXdata

name: {Name of data block}

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#1/data (Dataset);

shape: (1024, 1024), dims: 2; dtype: uint16

attributes:

description: Read : selected Image (selectFrame and selectROI)

long\_name: image\_data

timestamp: 2008-10-23T15-09-40.333

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#2/ (Group)

attributes:

NX\_class: NXdata

name: {Name of data block}

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#2/data (Dataset);

shape: (1024, 1024), dims: 2; dtype: uint16

attributes:

description: Read : selected Image (selectFrame and selectROI)

long\_name: image\_data

timestamp: 2008-10-23T15-09-41.365

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#3/ (Group)

attributes:

NX\_class: NXdata

name: {Name of data block}

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#3/data (Dataset);

shape: (1024, 1024), dims: 2; dtype: uint16

attributes:

description: Read : selected Image (selectFrame and selectROI)

long\_name: image\_data

timestamp: 2008-10-23T15-09-42.397

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#4/ (Group)

attributes:

NX\_class: NXdata

name: {Name of data block}

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#4/data (Dataset);

shape: (1024, 1024), dims: 2; dtype: uint16

attributes:

description: Read : selected Image (selectFrame and selectROI)

long\_name: image\_data

timestamp: 2008-10-23T15-09-43.600

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#5/ (Group)

attributes:

NX\_class: NXdata

name: {Name of data block}

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#5/data (Dataset);

shape: (1024, 1024), dims: 2; dtype: uint16

attributes:

description: Read : selected Image (selectFrame and selectROI)

long\_name: image\_data

timestamp: 2008-10-23T15-09-44.639

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#6/ (Group)

attributes:

NX\_class: NXdata

name: {Name of data block}

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#6/data (Dataset);

shape: (1024, 1024), dims: 2; dtype: uint16

attributes:

description: Read : selected Image (selectFrame and selectROI)

long\_name: image\_data

timestamp: 2008-10-23T15-09-45.788

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#7/ (Group)

attributes:

NX\_class: NXdata

name: {Name of data block}

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#7/data (Dataset);

shape: (1024, 1024), dims: 2; dtype: uint16

attributes:

description: Read : selected Image (selectFrame and selectROI)

long\_name: image\_data

timestamp: 2008-10-23T15-09-46.823

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#8/ (Group)

attributes:

NX\_class: NXdata

name: {Name of data block}

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#8/data (Dataset);

shape: (1024, 1024), dims: 2; dtype: uint16

attributes:

description: Read : selected Image (selectFrame and selectROI)

long\_name: image\_data

timestamp: 2008-10-23T15-09-47.887

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#9/ (Group)

attributes:

NX\_class: NXdata

name: {Name of data block}

NDX3\_00021\_ND\_\_DLPC\_\_00001/image#9/data (Dataset);

shape: (1024, 1024), dims: 2; dtype: uint16

attributes:

description: Read : selected Image (selectFrame and selectROI)

long\_name: image\_data

timestamp: 2008-10-23T15-09-48.922

NDX3\_00021\_ND\_\_DLPC\_\_00001/run\_number (Dataset);

shape: (1,), dims: 1; dtype: int32

attributes:

description: Number of run or scan stored in this entry

NDX3\_00021\_ND\_\_DLPC\_\_00001/sample\_info/ (Group)

attributes:

NX\_class: NXsample

name: {name of the sample}

NDX3\_00021\_ND\_\_DLPC\_\_00001/sample\_info/comment\_sample/ (Group)

attributes:

NX\_class: NXnote

name: {name of note}

NDX3\_00021\_ND\_\_DLPC\_\_00001/sample\_info/comment\_sample/data (Dataset);

shape: (1,), dims: 1; dtype: |S18

Data value[0]: nanodisk ND\_\_DLPC\_

attributes:

description: Binary note data - if text, line terminator is \r\n.

NDX3\_00021\_ND\_\_DLPC\_\_00001/sample\_info/comment\_sample/type (Dataset);

shape: (1,), dims: 1; dtype: |S10

Data value[0]: text/plain

attributes:

description: Mime content type of note data field e.g. image/jpeg, text/plain, text/html

NDX3\_00021\_ND\_\_DLPC\_\_00001/start\_time (Dataset);

shape: (1,), dims: 1; dtype: |S24

Data value[0]: 2008-10-23T15:06:53+0100

attributes:

description: Starting time of measurement

NDX3\_00021\_ND\_\_DLPC\_\_00001/title (Dataset);

shape: (1,), dims: 1; dtype: |S8

Data value[0]: Biologie

attributes:

description: Extended title for entry