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- A real file will always contain more data and this will not break the standard compliance!

- Come in all shapes and sizes
- Captured by rules:
  - Store all varied parameters as arrays of length NP at the appropriate place in the NeXus hierarchy
  - For multi detectors, NP, number of scan points is always the first dimension
  - In NXdata: create links to counts and varied variables

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entry:NXentry
    sample:NXsample
        rotation_angle[NP], axis=1 (1)
    instrument:NXinstrument
        detector:NXdetector
            data[NP],signal=1 (2)
    control:NXmonitor
        data[NP]
    data:NXdata
        link to (1)
        link to (2)

entry:NXentry

    sample:NXsample

        rotation_angle[NP], axis=1 (1)

        phi[NP], axis=1 (2)

        chi[NP], axis=1 (3)

        h[NP], axis=1 (4), primary=1

        k[NP], axis=1 (5)

        l[NP], axis=1 (6)

    instrument:NXinstrument

        detector:NXdetector

            data[NP],signal=1 (7)

            polar_angle[NP],signal=1 (8)

    data:NXdata

        link to (1)

        link to (2)

        link to (...)

        link to (8)

entry:NXentry
    sample:NXsample
        rotation_angle[NP], axis=1 (1)
    instrument:NXinstrument
        detector:NXdetector
            data[NP,xsize,ysize],signal=1 (2)
    control:NXmonitor
        data[NP]
    data:NXdata
        link to (1)
        link to (2)

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