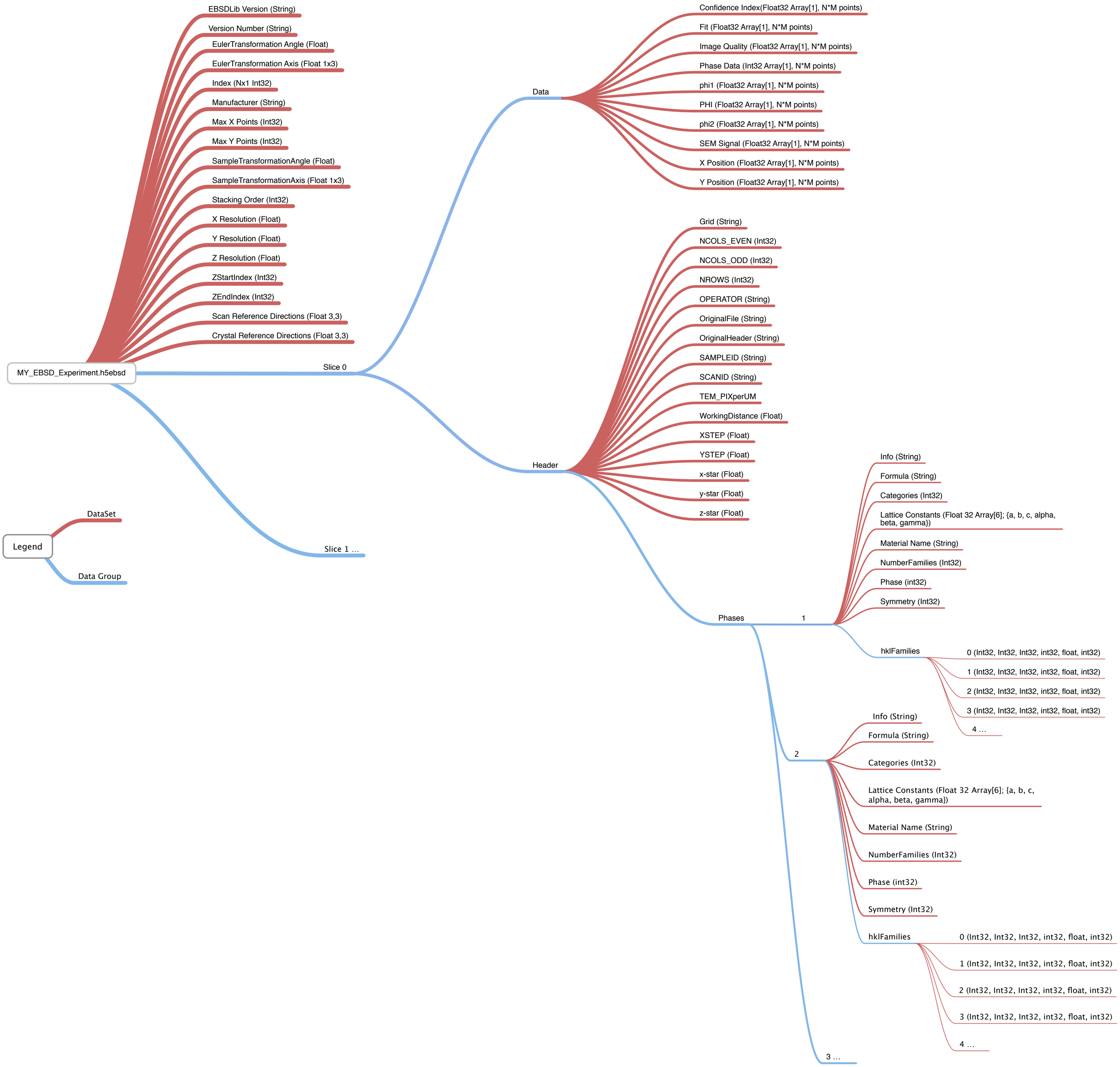
MY_EBSD_Experiment.h5ebsd
EBSDLib Version (String)
Version Number (String)
EulerTransformation Angle (Float)
EulerTransformation Axis (Float 1x3)
Index (Nx1 Int32)
Manufacturer (String)
Max X Points (Int32)
Max Y Points (Int32)
SampleTransformationAngle (Float)
SampleTransformationAxis (Float 1x3)
Stacking Order (Int32)
X Resolution (Float)
Y Resolution (Float)
Z Resolution (Float)
ZStartIndex (Int32)
ZEndIndex (Int32)
Scan Reference Directions (Float 3,3)
Crystal Reference Directions (Float 3,3)
Slice 0
Data
Confidence Index(Float32 Array[1], N*M points)
Fit (Float32 Array[1], N*M points)
Image Quality (Float32 Array[1], N*M points)
Phase Data (Int32 Array[1], N*M points)
phi1 (Float32 Array[1], N*M points)
PHI (Float32 Array[1], N*M points)
phi2 (Float32 Array[1], N*M points)
SEM Signal (Float32 Array[1], N*M points)
X Position (Float32 Array[1], N*M points)
Y Position (Float32 Array[1], N*M points)
Header
Grid (String)
NCOLS_EVEN (Int32)
NCOLS_ODD (Int32)
NROWS (Int32)
OPERATOR (String)
OriginalFile (String)
OriginalHeader (String)
SAMPLEID (String)
SCANID (String)
TEM_PIXperUM
WorkingDistance (Float)
XSTEP (Float)
YSTEP (Float)
x-star (Float)
y-star (Float)
z-star (Float)
Phases
1
Info (String)
Formula (String)
Categories (Int32)
Lattice Constants (Float 32 Array[6]; {a, b, c, alpha, beta, gamma})
Material Name (String)
NumberFamilies (Int32)
Phase (int32)
Symmetry (Int32)
hklFamilies
0 (Int32, Int32, Int32, int32, float, int32)
1 (Int32, Int32, Int32, int32, float, int32)
2 (Int32, Int32, Int32, int32, float, int32)
3 (Int32, Int32, Int32, int32, float, int32)
4 ...
2
Info (String)
Formula (String)
Categories (Int32)
Lattice Constants (Float 32 Array[6]; {a, b, c, alpha, beta, gamma})
Material Name (String)
NumberFamilies (Int32)
Phase (int32)
Symmetry (Int32)
hklFamilies
0 (Int32, Int32, Int32, int32, float, int32)
1 (Int32, Int32, Int32, int32, float, int32)
2 (Int32, Int32, Int32, int32, float, int32)
3 (Int32, Int32, Int32, int32, float, int32)
4 ...
3 ...
Slice 1 ...
Legend
DataSet
Data Group