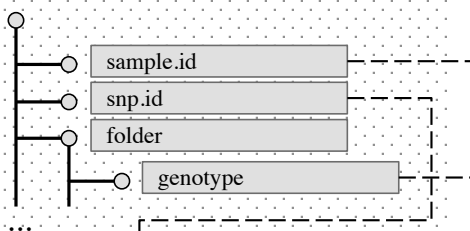


Hierarchical Data Structure

allows multiple data variables



Variable1: *integer*
a vector, size: 100

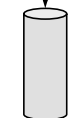
Variable2: *integer*
a vector, size: 1000

Variable3: *2 bits*
a matrix, size: 1000 x 100

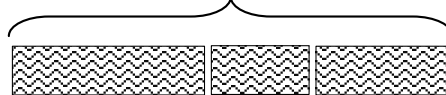
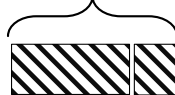
...

Optional Functionality

allows data compression / decompression

**Chunked Storage Layout**

used for extensible datasets

**header**

File
actual storage with file
extension ".gds"

**I / O Layer**

allows different access layers

File I/O**MPI I/O****Network Connection**

...