Multi-ply fibnet structures

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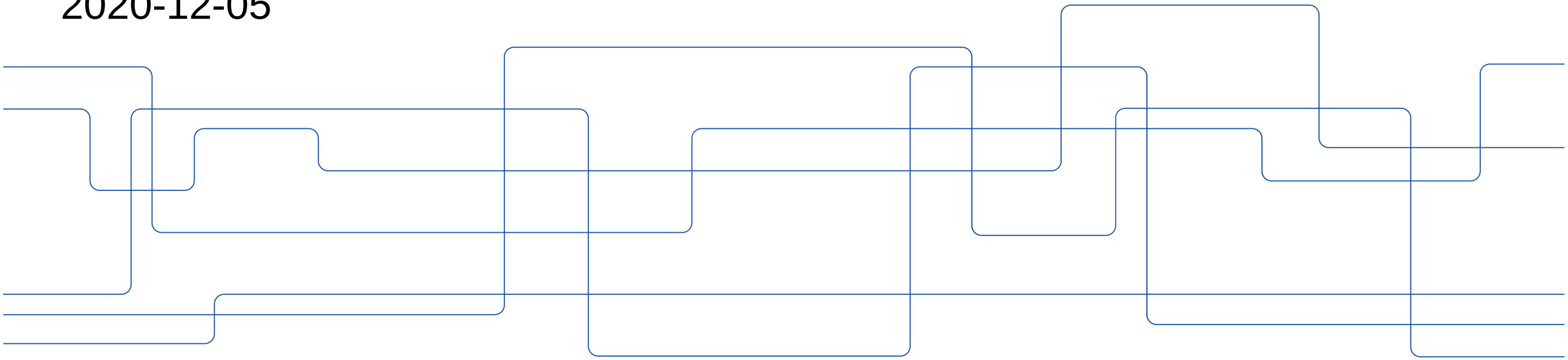
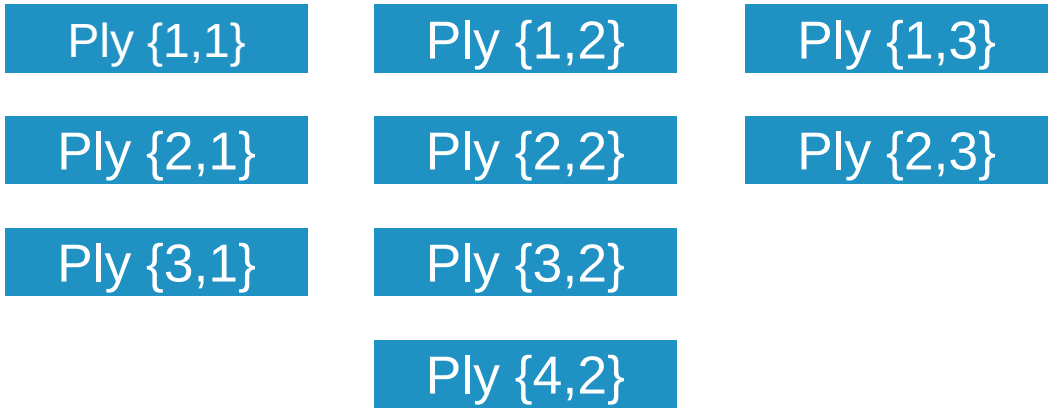


Input and output

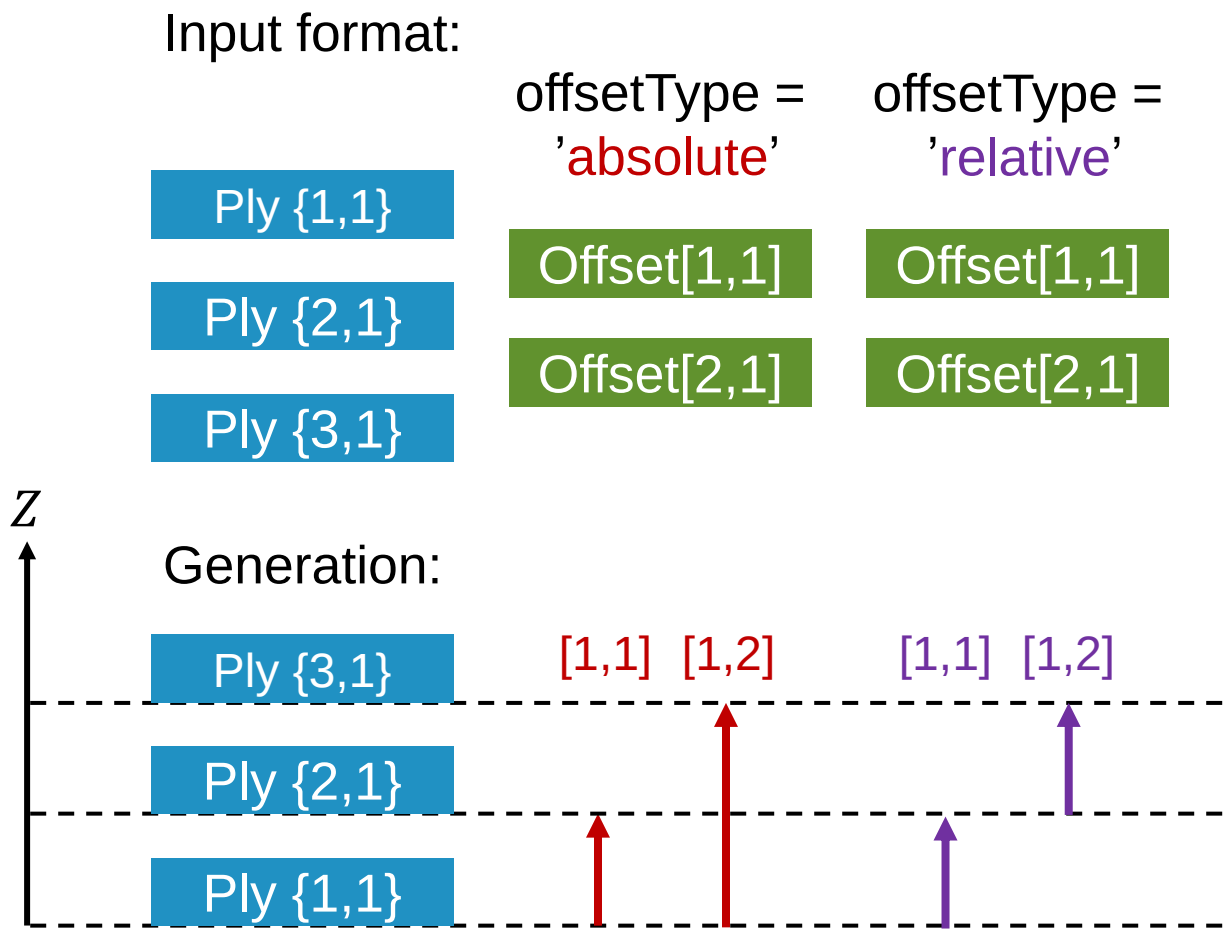
In:



Out:

- Inputs
  - **Ply location**: A directory with .xyz, .nod, .typ, .mat `{targetDir}`
  - **Ply name**: The string before the file extension `{networkName}`
  - **Ply offset**: Offset distance between plies
- Outputs
  - **Multiply location**: A directory to save new .xyz, .nod, .typ, .mat `{outputDir}`
  - **Multiply name**: The string before the file extension `{outputName}`

Ply offset



- **Offset type**: Specify either offset as a vector of absolute distances, or as a vector of relative distances {`offsetType`}
- **Offsets**: Distances in SI units {`offsetMatrix`}
- **Note reversal of ply order.**
- Offsets are always specified from **local to local base**:
  - For two-sided sheets, this position is usually the mid-thickness
  - For one-sided sheets, this position is the bottom.

Visualization

- Check position of new z = 0
- Overlap/offset is a fitting parameter
- Why is there a peak in the first positive bin of each dataset?
  Missing re-base at the end of MyPacking.exe.