N-body memory layout exploration

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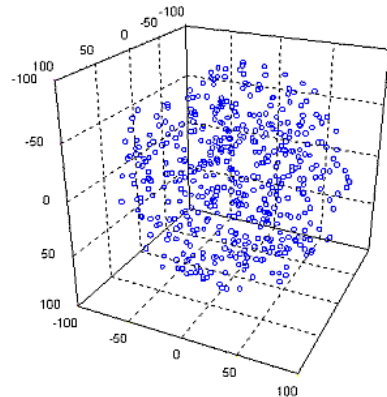
Structure

The task

Results

The n-body simulation

- ▶ simulate the interaction of *n* particles
- ▶ each particle has
    - ▶ position x
    - ▶ position y
    - ▶ position z
    - ▶ velocity x
    - ▶ velocity y
    - ▶ velocity z
    - ▶ mass

http://astro.dur.ac.uk/~nm/pubhtml/nbody/nbody.html

Compare the memory structures