New Memory Management Structure

Hereby please find the class diagram of the new memory management structure for Oak. It shows the default memory allocation schema and allows user to provide its own memory allocator. In the last case the off-heaping of the underlying ByteBuffers is up to the provided allocator.

Default Oak memory management schema is

- 1. thread safe,
- 2. allows allocation of any amount of memory for multiple Oak instances (up to OS boundaries)

