

第29讲 伙伴系统



Buddy System （伙伴系统）

- Entire space available is treated as a single block of 2^U .
- If a request of size s such that $2^{U-1} < s \leq 2^U$, entire block is allocated.
 - Otherwise block is split into two equal buddies.
 - Process continues until smallest block greater than or equal to s is generated.

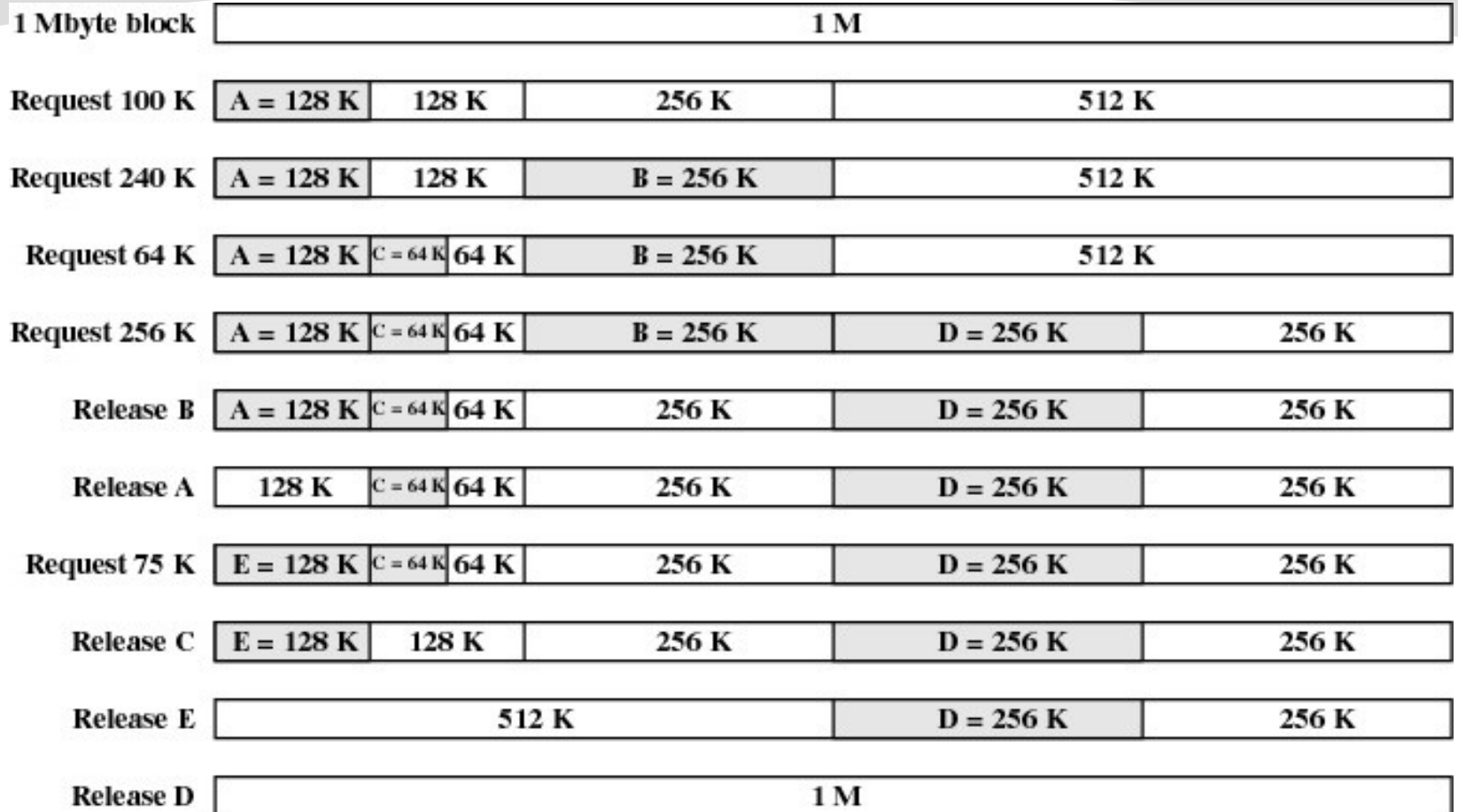


Figure 7.6 Example of Buddy System

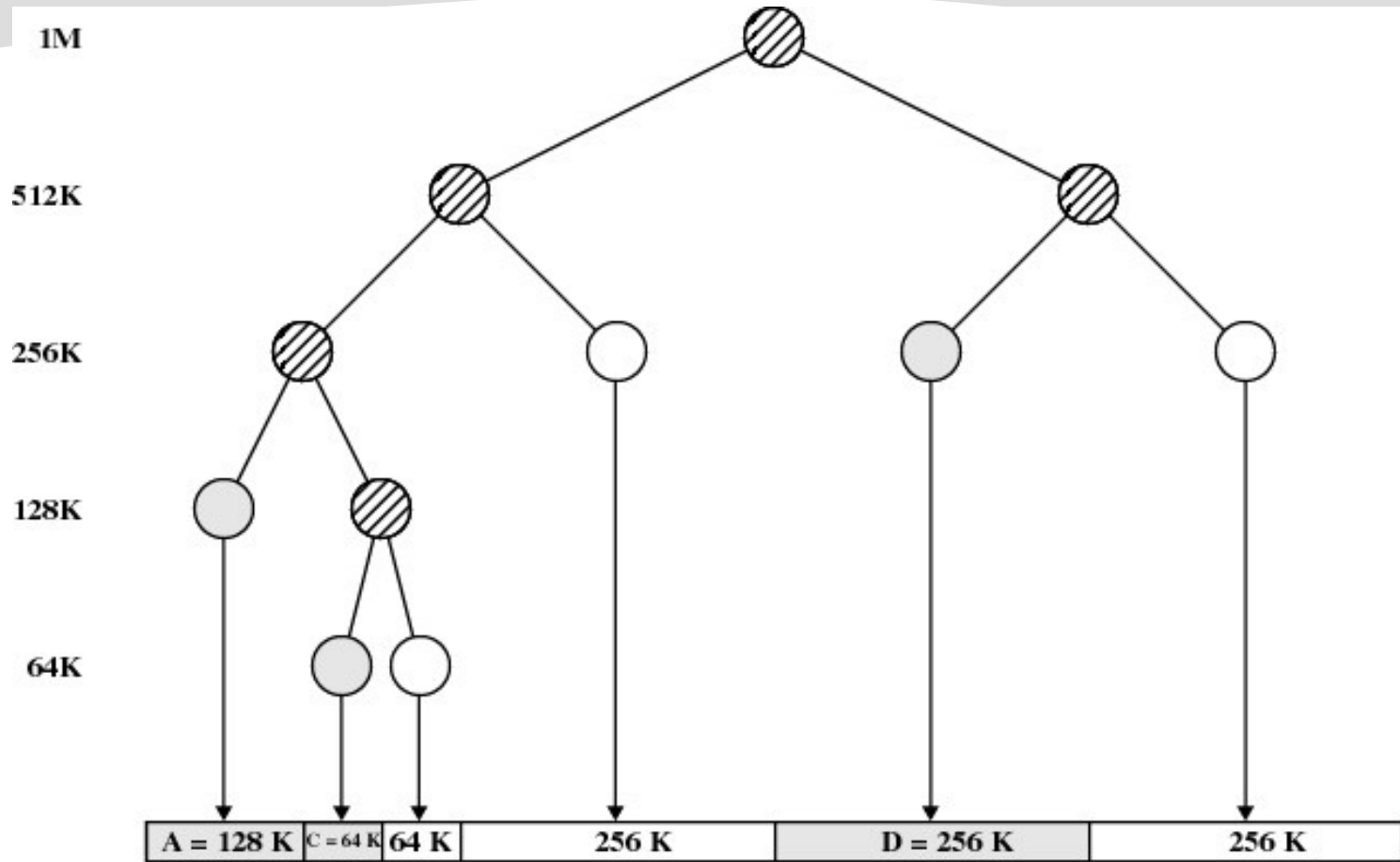


Figure 7.7 Tree Representation of Buddy System

