

# Query Cache Pool



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graph TD; A[Query Cache Pool] --> B[Completely hit]; A --> C[Partial hit]; A --> D[Completely miss]; B --> B1[1. Copy request data from cache to IRP]; B --> B2[2. Complete IRP]; C --> C1[1. Calculate the hit part]; C --> C2[2. Pass IRP to next lower device object]; C --> C3[3. Update cache pool]; C --> C4[4. Copy data from cache pool]; C --> C5[5. Complete IRP]; D --> D1[1. Pass IRP to next lower device object]; D --> D2[2. Update cache pool]; D --> D3[3. Complete IRP];
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Completely hit

1. Copy request data from cache to IRP
2. Complete IRP

Partial hit

1. Calculate the hit part
2. Pass IRP to next lower device object
3. Update cache pool
4. Copy data from cache pool
5. Complete IRP

Completely miss

1. Pass IRP to next lower device object
2. Update cache pool
3. Complete IRP