



Directory Messages

Туре	Source	Destination
Read miss	Local	Home
Write miss	Local	Home
Invalidate	Home	Remote
Fetch	Home	Remote
Fetch/invalidate	Home	Remote
Data value	Home	Local
Data write back	Remote	Home

Example Directory Protocol

- Uncached, shared, exclusive
- If uncached
 - Memory is valid
 - Can only receive read miss, write miss messages
- Shared
 - Memory value is valid
 - Can receive read miss, write miss
- Exclusive
 - Memory value is invalid
 - Read miss, write miss, writeback

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