



Data 32-bits: the actual data that is duplicated from RAM

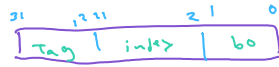
Valid bit: whether I have the data or not. When machine is first powered on, all valid bits are 0. But once grabbed from RAM, bit is flipped.

Tag 20-bits: the top 20-bits of the address.

Byte offset

Index

Tag



Use index to look up the block in cache