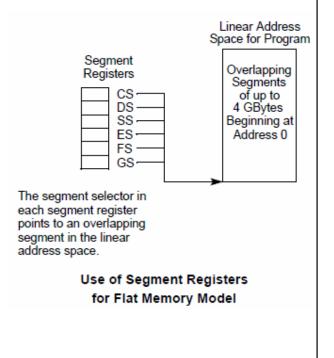
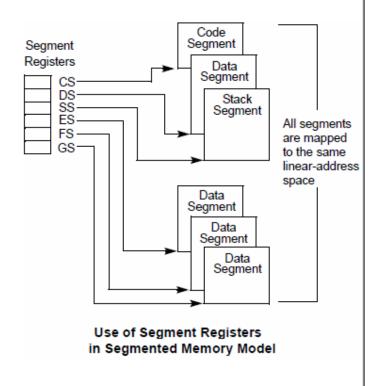
33. Flat vs. Segmented Memory Model

32 and 64-bit Intel systems using a flat memory model:



Segmented memory is preferred model on 16-bit systems as it allows for flexibility in memory allocation and can also prevent buffer overruns:



< Three types of segment descriptor tables</p>

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Differences between 16-bit and 32-bit Memory Modes >>>