

How Hard is Hard?

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Hard-missing deadline is a system failure

- **Firm** – infrequent deadline misses are tolerable, but may degrade the system's quality of service. The usefulness of a result is zero after its deadline

- **Soft** – the usefulness of a result degrades after its deadline, thereby degrading the system's quality of service



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 - **Hard** – missing a deadline is a total system failure
 - **Firm** – infrequent deadline misses are tolerable, but may degrade the system's quality of service. The usefulness of a result is zero after its deadline
 - **Soft** – the usefulness of a result degrades after its deadline, thereby degrading the system's quality of service

