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 - many large organisations have their own standards
- hardware standards more common than software - high authority and low level of detail
- ISO 9241 defines usability as effectiveness, efficiency and satisfaction with which users accomplish tasks



- Difficult for a UI standard to be meaningfully specific and yet actually applicable AND useful for a broad area of application
 - Somewhat more possible to specify processes and principles than details of what the interface will contain
- However, in a specific context a standard can be very specific
 - E.g., Can have a corporate intranet standard for logos, colours, fonts and other style devices; use (or non-use) of Frames, other layout techniques; etc.
 - Easy for users they know what to expect
 - Saves lots of work if it's embodies in a nice template or style sheet, too!

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 Guidelines
more suggestive and general – less emphasis on 'authority' (more 'should', less 'must')
many textbooks and reports full of guidelines
abstract guidelines (principles) applicable during early life cycle activities
detailed guidelines (style guides) applicable during later life cycle activities
understanding justification for guidelines aids in resolving conflicts





Golden rules and heuristics

• "Broad brush" design rules

- · Useful check list for good design
- Better design using these than using nothing!
- Different collections e.g.
 - Nielsen's 10 Heuristics (see Chapter 9)

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- Shneiderman's 8 Golden Rules
- Norman's 7 Principles













