



# Validity & Well-Formed

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# SGML : Validity

- Syntax of markup language defined in the Document Type Definition (DTD)
- Document instance validated against the DTD by a Parser
- SGML instances are *always* valid



# XML : Well-Formed

- XML instances “self-describing”
- No longer require a DTD
- Lowered notion of conformity
  - instances now “well-formed”
- Test for “Well-Formedness”
  - tags must nest
  - modified syntax for empty elements
  - element names *case-sensitive*



# XML : Validity

- Markup language defined in the Document Type Definition
- Document instance validated against the DTD by a Parser
- XML instances are *optionally* valid



# SGML / XML

- SGML instances are always valid
  - Need a DTD
- XML instances can be valid
  - Need a DTD
- XML instances are “well-formed”