applies, followed by a list of triplets of attribute name, attribute type, and value type.
An *attribute* name is a name that may be used in an XML document using a DTD.

Attribute Types

Attribute types are similar to predefined data types, but the selection is very limited.
The most important attribute types are

- CDATA, a string (sequence of characters),

- ID, a name that is unique across the entire XML document,

- IDREF, a reference to another element with an ID attribute carrying the same
  value as the IDREF attribute,

- IDREFS, a series of IDREFs,

- $(v_1 | \ldots | v_n)$, an enumeration of all possible values.

The selection is not satisfactory. For example, dates and numbers cannot be specified;
they have to be interpreted as strings (CDATA); thus their specific structure cannot be
enforced.

Value Types

There are four value types:

- #REQUIRED. The attribute must appear in every occurrence of the element
  type in the XML document. In the previous example, itemNo and quantity must
  always appear within an item element.

- #IMPLIED. The appearance of the attribute is optional. In the example, com-
  ments are optional.