**New Perspectives XML Comprehensive, 3e**

**Tutorial 7: Building an XSLT Application**

**Key Terms**

**Axis** The part of a step pattern that specifies the direction that the XSLT processor should move through the node tree. (XML 400)

**EXSLT** A language that supports a standard collection of extension elements and function. (XML 440)

**Extension attribute** An attribute supplied by an XSLT processor that extends the capabilities of XSLT and Xpath. (XML 440)

**Extension attribute values** Data types supplied by an XSLT processor that extends the capabilities of XSLT and Xpath. (XML 440)

**Extension element** An element supplied by an XSLT processor that extends the capabilities of XSLT and Xpath. (XML 440)

**Extension function** A function supplied by an XSLT processor that extends the capabilities of XSLT and Xpath. (XML 440)

**Generate-id()** An XPath function that generates a unique ID for a specified node set. (XML 416)

**Id()** An XPath function that returns nodes that match a specified ID value. (XML 418)

**Key** An index created from unique values in a specified node set generated by the xsl:key element. (XML 416)

**Key()** An XPath function that returns a node set that matches a specified value from a key index. (XML 416)

**Mode attribute** An attribute of the xsl:template element used to distinguish one template from another when applied to the same node set. (XML 400)

**Muenchian Grouping** A programming technique in which nodes are grouped based on unique values taken from a key index matched to unique IDs created by the generate-id() function. (XML 416)

**Node-test** The part of a step pattern that specifies the node to be matched. (XML 400)

**Predicate** The part of a step pattern that provides an expression that the node value should match. (XML 400)

**Step patterns** Location paths that allow the processor to move freely around the node tree in any direction. (XML 400)

**xsl:key** An XSLT element used to create a key index for a specified node set. (XML 420)

**xsl:message** An XSLT element used to send a message to the XSLT processor. (XML 445)