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Java™ 2 Platform
Std. Ed. v1.4.2

Package javax.xml.transform.dom

This package implements DOM-specific transformation APIs.

See:

[Description](#)

Interface Summary

DOMLocator	Indicates the position of a node in a source DOM, intended primarily for error reporting.
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Class Summary

DOMResult	Acts as a holder for a transformation result tree, in the form of a Document Object Model (DOM) tree.
DOMSource	Acts as a holder for a transformation Source tree in the form of a Document Object Model (DOM) tree.

Package javax.xml.transform.dom Description

This package implements DOM-specific transformation APIs.

The [DOMSource](#) class allows the client of the implementation of this API to specify a DOM [Node](#) as the source of the input tree. The model of how the Transformer deals with the DOM tree in terms of mismatches with the [XSLT data model](#) or other data models is beyond the scope of this document. Any of the nodes derived from [Node](#) are legal input.

The [DOMResult](#) class allows a [Node](#) to be specified to which result DOM nodes will be appended. If an output node is not specified, the transformer will use [DocumentBuilder.newDocument\(\)](#) to create an output [Document](#) node. If a node is specified, it should be one of the following: [Document](#), [Element](#), or [DocumentFragment](#). Specification of any other node type is implementation dependent and undefined by this API. If the result is a [Document](#), the output of the transformation must have a single element root to set as the document element.

The [DOMLocator](#) node may be passed to [TransformerException](#) objects, and retrieved by trying to cast the result of the [TransformerException.getLocator\(\)](#) method. The implementation has no responsibility to use a DOMLocator instead of a [SourceLocator](#) (though line numbers and the like do not make much sense for a DOM), so the result of [getLocator](#) must always be tested with an instanceof.

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For further API reference and developer documentation, see [Java 2 SDK SE Developer Documentation](#). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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