

# 1 Generated docs for XmlDocTable itself

## 1.1 Classes!

### Classes

DocWalker	A base class for all documentation generators.
Program	The command line interface.
TexTableWalker	A documentation generator that makes separate L <sup>A</sup> T <sub>E</sub> X tables for each class and a class description table.

## 1.2 Members!

### 1.2.1 Members of DocWalker

#### Methods

Name	Modifiers	Return Type	Parameters	Description
OnClass	public abstract	void	(ClassDeclaration-Syntax klass, Documentation-CommentTriviaSyntax doc)	The callback that gets executed whenever a documentation comment is on a class.
OnField	public abstract	void	(FieldDeclaration-Syntax field, Documentation-CommentTriviaSyntax doc)	The callback that gets executed whenever a documentation comment is on a field.
OnProperty	public abstract	void	(PropertyDeclaration-Syntax property, Documentation-CommentTriviaSyntax doc)	The callback that gets executed whenever a documentation comment is on a property.
OnMethod	public abstract	void	(MethodDeclaration-Syntax method, Documentation-CommentTriviaSyntax doc)	The callback that gets executed whenever a documentation comment is on a method.
VisitTrivia	public over-ride	void	(SyntaxTrivia trivia)	The visitor that executes the call-backs.

### 1.2.2 Members of Program

#### Fields

Name	Modifiers	Type	Description
sb	static	String-Builder	The builder of the output string.

#### Methods

Name	Modifiers	Return Type	Parameters	Description
Header	static	void	(int n, string s)	Outputs a $\text{\LaTeX}$ header
Main	static	void	(string[] args)	The main method.

### 1.2.3 Members of `TexTableWalker`

#### Properties

Name	Modifiers	Type	Accessors	Description
MemberTables	public	Dictionary<string, ClassMembers>	{ get; }	The generated member tables in $\text{\LaTeX}$ syntax.
ClassTable	public	string	{ get; }	The generated class table in $\text{\LaTeX}$ syntax.

#### Methods

Name	Modifiers	Return Type	Parameters	Description
OnClass	public override	void	(ClassDeclarationSyntax klass, DocumentationCommentTriviaSyntax doc)	Adds a class description to the class table.
OnField	public override	void	(FieldDeclarationSyntax field, DocumentationCommentTriviaSyntax doc)	Adds a field description to the member table of its class.
OnProperty	public override	void	(PropertyDeclarationSyntax property, DocumentationCommentTriviaSyntax doc)	Adds a property description to the member table of its class.
OnMethod	public override	void	(MethodDeclarationSyntax method, DocumentationCommentTriviaSyntax doc)	Adds a method description to the member table of its class.
Esc	private static	string	(string s)	Escapes a string for safe inclusion in a $\text{\LaTeX}$ table.
ClassKey	private static	string	(SyntaxNode syntax)	Finds the class name of a given member.