Contents

Units in help file :

HelpFiles

HelpFiles

Unit HelpFiles (in HELPFILE help file)

Unit to define abstract help file object.

Types:

PTopic TTopic PIndexItem TIndexItem PIndex TIndex PHelpFile THelpFile

PHelpFile HelpFiles

HelpFiles.PHelpFile = ^THelpFile

PIndex HelpFiles

HelpFiles.PIndex = ^TIndex

PIndexItem HelpFiles

HelpFiles.PIndexItem = ^TIndexItem

PTopic HelpFiles

HelpFiles.PTopic = ^TTopic

HelpFiles.THelpFile = object(TObject)

This is the main abstract object representing a help file. It serves as a container for THelpTopics.

Fields

Index

THelpFile.Index: PIndex;

This is a *TIndex* maintained by the help file.

Methods

AddTopic

procedure THelpFile.AddTopic(ATopic: PTopic); virtual;

Writes the topic at the end of the base file, and records it with the appropriate topic number. If a topic with that number existed previously, it'll effectively be deleted. Atopic is disposed after adding it.

DisplayTopic

procedure THelpFile.DisplayTopic(var Where: Text; TopicNum: Word); virtual;

Displays the given topic number.

Done

destructor THelpFile.Done; virtual;

Destroy the object and dispose of the *Index*.

GetSubTitle

function THelpFile.GetSubTitle(TopicNum: Word): String; virtual;

Constructs a topic subtitle.

GetTitle

function THelpFile.GetTitle(TopicNum: Word): String; virtual;

Constructs a topic title for the given topic number.

GetTopic

function THelpFile.GetTopic(Context: Word): PTopic; virtual;

Extracts the given topic from the help file.

Init

constructor THelpFile.Init;

Construct an empty help file, and initialize *Index* to nil.

NewTopic *function THelpFile.NewTopic(Context: Word; Someinfo: Pointer): PTopic; virtual;*

Constructs a new topic of the appropriate type. Someinfo might be used by a descendant type.

NumTopics *function THelpFile.NumTopics: Word; virtual;*

Return the number of topics in this file.

Rewrite *procedure THelpFile.Rewrite(s: PStream); virtual;*

Rewrites the help file to the given stream.

SetMainTopic *procedure THelpFile.SetMainTopic(TopicNum: Word); virtual;*

Defines which Topic is the main contents topic.

TIndex HelpFiles

HelpFiles.TIndex = object(TSortableCollection)

This is an index for a help file, meant to hold *TIndexItem* records.

Fields

Sortby *TIndex.Sortby: (ByToken, BySubTitle, ByContext)*;

Marks which sort order should be used.

Methods

AddItem *procedure TIndex.AddItem(const ATitle, ASubtitle: String; Atopicnum: Word);*

Add a new index entry by specifying the strings to use.

AddTokens *procedure TIndex.AddTokens(ATitle, ASubtitle: TToken; Atopicnum: Word);*

Add a new index entry by specifying the token numbers.

Compare *function TIndex.Compare(Item1, Item2: Pointer): Integer; virtual;*

Compares two index items according to the *Sortby* field.

FreeItem *procedure TIndex.FreeItem(Item: Pointer); virtual;*

Disposes of a TIndexItem.

Insert *procedure TIndex.Insert(Item: Pointer); virtual;*

This inserts duplicates after existing values.

TIndexItem HelpFiles

HelpFiles.TIndexItem = record

This is an item stored in the index for a help file.

Fields

Context *TIndexItem.Context: Word*;

The context or topic number.

Subtitle *TIndexItem.Subtitle,*

The token number of the subtitle string.

Token: TToken;

The token number of the name of index entry.

Token *See Subtitle*

TTopic HelpFiles

HelpFiles.TTopic = object(TObject)

An object holding a single topic as part of a *THelpFile*.

Fields

StartofLine *TTopic.StartofLine: Boolean*;

Whether the text is currently at the start of a line.

Text *TTopic.Text: PStream*;

A stream to which the text of the topic is written.

TopicNum *TTopic.TopicNum: Word*;

The topic number in the help file.

Methods

BlankLine *procedure TTopic.BlankLine; virtual;*

Writes a blank line to the help topic, starting a new topic afterwards.

Done *destructor TTopic.Done; virtual;*

Dispose of *Text* and destroy object.

EndXrefList *procedure TTopic.EndXrefList; virtual;*

Ends a list of cross-referenced topics started by *StartXrefList*.

GetLine *function TTopic.GetLine(var Buffer; MaxLen: Word): Word; virtual;*

Gets the next line of text, return the length.

HighLight *procedure TTopic.HighLight(On: Boolean); virtual;*

Turns highlighting of the text on or off. If turned on twice, it will need to be turned off twice to have an effect.

Init *constructor TTopic.Init(Atopicnum: Word);*

Initialize an empty topic with the given value for *TopicNum*.

MoreLines *function TTopic.MoreLines: Boolean; virtual;*

True if there are more lines of text.

ResetHighLight *procedure TTopic.ResetHighLight; virtual;*

Turns highlighting off regardless of the initial state.

StartXrefList *procedure TTopic.StartXrefList(const s: String); virtual;*

Starts a list of cross-referenced topics. End the list with *EndXrefList*.

Write *procedure TTopic.Write(s: String); virtual;*

Writes the string to the help text.

WriteKeyWord *procedure TTopic.WriteKeyWord(const s: String; Crossref: Word); virtual;*

Writes the string with a marker that it′s a cross-reference.

WriteLn *procedure TTopic.WriteLn(const s: String); virtual;*

Writes, then adds a newline.

WriteXref *procedure TTopic.WriteXref(const s: String; Len, Crossref: Word); virtual;*

Like *WriteKeyWord*, but writes an entry to a cross-ref list. Len is the length in characters of the longest Xref to come; this may be used to format nicely. Assumes that *StartXrefList* has been called.

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