Umbraco 4.7.1 Razor + DynamicNode Cheat Sheet



Document Version 1.1

Document Version 1.1 Current Page	Collections	Traversing	Property Checking
aModel	.Children	.Parent	.HasProperty(string propertyAlias)
Model	.[DocTypeName]s (Pluralized)	.First()	.HasValue(string propertyAlias)
lynamic Node Properties	.Ancestors()	.Last()	.IsNull(string propertyAlias)
Parent	.Ancestors() .Ancestors(int level)	.Up()	. Ismuii(String propertyAllas)
Id	.Ancestors(string nodeTypeAlias)	.Up(int) (note 0 = 1)	IsHelpers
	,		.IsFirst([valueIfTrue][,valueIfFalse])
Template SortOrder	.Ancestors(Func< DynamicNode, bool > func)	.Down()	
	.AncestorsOrSelf()	.Down(int) (note 0 = 1)	.IsNotFirst([valueIfTrue][,valueIfFalse])
Name	.AncestorsOrSelf(string nodeTypeAlias)	.Next()	.IsLast([valueIfTrue][,valueIfFalse])
Visible (requires umbracoNaviHide property) Url	.AncestorsOrSelf(int level)	.Next(int) (note 0 = 1)	.IsNotLast([valueIfTrue][,valueIfFalse])
	.AncestorsOrSelf(Func< DynamicNode, bool > func)	.Previous()	.IsPostion(int,[valueIfTrue][,valueIfFalse])
JrlName	.Descendants()	.Previous(int) (note 0 = 1)	.IsNotPosition(int,[valueIfTrue][,valueIfFalse])
lodeTypeAlias	.Descendants(string nodeTypeAlias)		.IsModZero([valueIfTrue][,valueIfFalse])
WriterName	.Descendants(int level)	Macro Parameters	.IsNotModZero([valueIfTrue][,valueIfFalse])
CreatorName	.Descendants(Func< INode, bool > func)	@Parameter.ParameterName	.IsEven([valueIfTrue][,valueIfFalse])
WriterID	.DescendantsOrSelf()		.IsOdd([valueIfTrue][,valueIfFalse])
CreatorID	.DescendantsOrSelf(int level)	Media (use for media picker property)	.IsEqual(DynamicNode[,valueIfTrue][,valueIfFalse])
Path	.DescendantsOrSelf(string nodeTypeAlias)	<pre>.Media("propertyAlias","mediaPropertyAlias")</pre>	<pre>.IsDecendant(DynamicNode[,valueIfTrue][,valueIfFalse])</pre>
CreateDate	.DescendantsOrSelf(Func< INode, bool > func)	.Media("propertyAlias")	<pre>.IsDecendantOrSelf(DynamicNode[,valueIfTrue][,valueIfFalse])</pre>
JpdateDate	.XPath(string xPath)		.IsAncestor(DynamicNode[,valueIfTrue][,valueIfFalse])
/ersion	.GetChildrenAsList	Types for Casting and Newing	.IsAncestorOrSelf(DynamicNode[,valueIfTrue][,valueIfFalse])
NiceUrl		DynamicNode(int nodeId)	
Level	Filtering & Ordering & Extensions	DynamicMedia(int mediaId)	Permissions
PropertiesAsList	.Where("Condition"[,valueIfTrue,valueIfFalse])	DynamicNodeList	.HasAccess()
ChildrenAsList	<pre>.OrderBy("propertyAlias [desc][,propertyAlias]")</pre>	dynamic (allows .PropertyAlias notation)	.IsProtected()
Postion()	<pre>.GroupBy("propertyAlias")</pre>		
	.Pluck("propertyName")	Razor Syntax	
ynamicMedia Properties	.Take(int)	Code Block	Comments
JmbracoFile	.Skip(int)	@{ }	@* Code comment *@
JmbracoSize	.Count()		
JmbracoWidth		Conditionals	
UmbrachHeight	Functions	@if(item.HasValue("bodyText"){	@switch(condition){
	@functions{	@item.BodyText	case: 1
ustom Property Access (Content & Media)	<pre>public bool isFooBar(string foo, string bar){</pre>	<pre>}else if(item.IsNull("bodyText")){ this item is null</pre>	ditem.BodyTextbreak;
PropertyAlias	return foo == bar;	}else{	case: 2
propertyAlias (recursive)	}	Some other text	@item.Children.First().BodyText
SetProperty("propertyAlias").Value te: casing on property aliases are important. All hyphens must be	<pre>@{ var foo = "black";</pre>	}	break;
moved for .Notation	<pre>if(isFooBar(foo, "black")){</pre>		default:
en accessing using .Notation you need to ensure you capitalize the firs tter unless _recursive	t Yup	Looping	break;
	}	<pre>@for(var i = 0; i < 10; i++){</pre>	
ictionary		This is record @i	
Dictionary		ì	
DictionaryItemAlias		Afonoach(wan itom in Modal Children)(
		<pre>@foreach(var item in Model.Children){ @item.Name</pre>	
		}	
Library Helper			Visual Studio DynamicNode Intellisense

Manipulation .NodeById(int|string) .Coalesce(value,value[,value ...]) .MediaNodeById(int|string) .Concatenate(value, value[, value ...) .Join(seperator, value, value[, value ...]) Condtionals .Truncate(htmlString,int[[,bool addElipsis][,bool treatTagsAsContent]]) .If(booleanProp,valueIfTrue[,valueIfFalse]) .StripHTML(htmlString[, tagsToString])

Put the following at the head of the CSHTML file to get some Intellisense support for DynamicNode and DynamicNodeList @using umbraco.MacroEngines @inherits umbraco.MacroEngines.DynamicNodeContext