



Umbraco v6.x Razor Cheatsheet

(DynamicPublishedContent for MVC Templates, Partials, MacroPartials)

Standard Umbraco Render Model (required to get access to Umbraco)

@inherits Umbraco.Core.Mvc.UmbracoTemplatePage

DynamicPublishedContent

@CurrentPage

Umbraco Properties

.Parent
.Id
.TemplateId
.SortOrder
.Name
.Visible
(requires umbracoNaviHide)
.Url
.UrlName
.DocumentTypeAlias
.WriterName
.CreatorName
.WriterID
.CreatorID
.Path
.CreateDate
.UpdateDate
.Level

Custom Properties Content & Media

.PropertyAlias
._propertyAlias (recursive)
.GetProperty("propertyAlias")
.GetPropertyValue("propertyAlias")

@Umbraco.Field("propertyAlias")

Use this for RTE properties to ensure macros are rendered

Default Media Properties

.UmbracoFile
.UmbracoSize
.UmbracoWidth
.UmbracoHeight

Dictionary

@Umbraco.Field("#dictionaryKey")

@Umbraco.GetDictionaryValue("dicKey")

Collections

.Children
.ChildrenAsList
.[DocTypeName]s (Pluralized)
.Ancestors()
.Ancestors(int level)
.Ancestors(string nodeTypeAlias)
.AncestorsOrSelf()
.AncestorsOrSelf(string nodeTypeAlias)
.AncestorsOrSelf(int level)
.Descendants()
.Descendants(string nodeTypeAlias)
.Descendants(int level)
.DescendantsOrSelf()
.DescendantsOrSelf(int level)
.DescendantsOrSelf(string nodeTypeAlias)

Filtering & Ordering & Extensions

.Where("Condition")
.OrderBy("propertyAlias [desc][,propertyAlias]")
.Union(DynamicPublishedContentList)
.Intersect(DynamicPublishedContentList)
.Except(DynamicPublishedContentList)
.Distinct("propertyAlias")
.GroupBy("propertyAlias")
.Pluck("propertyName")
.Except()
.Take(int)
.Skip(int)
.Random()
.InGroupsOf(int)

Aggregate Functions

.Count()
.Min("propertyAlias")
.Max("propertyAlias")
.Average("propertyAlias")
.Sum("propertyAlias")

Traversing

.Parent
.First()
.FirstOrDefault()
.Last()
.LastOrDefault()
.Single()
.SingleOrDefault()
.Sibling(int)
.Sibling(nodeTypeAlias)
.Up()
.Up(int) (0-based)
.Down()
.Down(int) (0-based)
.Next()
.Next(int) (0-based)
.Previous()
.Previous(int) (0-based)

@Umbraco helper

Loaders

.Content(int|string)
.ContentAtRoot()
.ContentAtPath(xpathQuery)
.ContentAtPathSingle(xpathQuery)
.Media(int|string)
.Search(term/ISearchCriteria[,SearchProvider])

Conditionals

.If(booleanStatement,valueIfTrue[,valueIfFalse])

Manipulation

.Coalesce(value,value[,value ...])
.Concatenate(value,value[,value ...])
.Join(seperator,value,value[,value ...])
.Truncate(htmlString,int[[,bool addElipsis][,bool treatTagsAsContent]])
.StripHTML(htmlString[, tagsToString])

Property Checking

.HasProperty(string propertyAlias)
.HasValue(string propertyAlias)
.IsNull(string propertyAlias)

IsHelpers

.IsFirst(valueIfTrue[,valueIfFalse])
.IsNotFirst(valueIfTrue[,valueIfFalse])
.IsLast(valueIfTrue[,valueIfFalse])
.IsNotLast(valueIfTrue[,valueIfFalse])
.IsPosition(int,valueIfTrue[,valueIfFalse])
.IsNotPosition(int,valueIfTrue[,valueIfFalse])
.IsModZero(int,valueIfTrue[,valueIfFalse])
.IsNotModZero(int,valueIfTrue[,valueIfFalse])
.IsEven(valueIfTrue[,valueIfFalse])
.IsOdd(valueIfTrue[,valueIfFalse])
.IsEqual(DynamicPublishedContent,valueIfTrue[,valueIfFalse])
.IsNotEqual(DynamicPublishedContent,valueIfTrue[,valueIfFalse])
.IsDescendant(DynamicPublishedContent,valueIfTrue[,valueIfFalse])
.IsDescendantOrSelf(DynamicPublishedContent,valueIfTrue[,valueIfFalse])
.IsAncestor(DynamicPublishedContent,valueIfTrue[,valueIfFalse])
.IsAncestorOrSelf(DynamicPublishedContent,valueIfTrue[,valueIfFalse])

Macro View Inheritance

@inherits Umbraco.Web.Macros.PartialViewMacroPage

Macro Parameters

@Model.MacroParameters["paramAlias"]

Permissions

.HasAccess()
.IsProtected()

LWE

littlewebempire.com



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(Strongly typed PublishedContent for MVC Templates, Partial, MacroPartials)

Standard Umbraco Render Model (required to get access to Umbraco)

@inherits Umbraco.Core.Mvc.UmbracoTemplatePage

IPublishedContent

@Model.Content

Umbraco Properties

.Parent
.Id
.TemplateId
.GetTemplateAlias()
.SortOrder
.Name
.IsVisible() (requires umbracoNaviHide)
.Url
.UrlName
.DocumentTypeAlias
.WriterName
.CreatorName
.WriterID
.CreatorID
.Path
.CreateDate
.UpdateDate
.Level

Custom Properties Content & Media

.GetProperty("propertyAlias", recursive: bool))
.GetProperty("propertyAlias")
.GetProperty<T>("propertyAlias")
.GetPropertyRecursive("propertyAlias")

@Umbraco.Field("propertyAlias", SEE OPTIONS)
Use this for RTE properties for proper rendering
OPTIONS:

altFieldAlias: "yourAltField"
altText: "your text"
insertBefore: "your text"
insertAfter: "your text"
recursive: boolean
convertLineBreaks: boolean
removeParagraphTags: boolean
casing: RenderFieldCaseType[.Lower/.Upper/.Title]
encoding: RenderFieldEncodingType[.Html/.Url]
formatAsDate: boolean
formatAsDateWithTime: boolean
formatAsDateWithTimeSeparator: "your separator"

Dictionary

@Umbraco.Field("#dictionaryKey")
@Umbraco.GetDictionaryValue("dicKey")

Collections

.Children
.ChildrenAsList
.Ancestors()
.Ancestors(int level)
.Ancestors(string nodeTypeAlias)
.AncestorsOrSelf()
.AncestorsOrSelf(string nodeTypeAlias)
.AncestorsOrSelf(int level)
.Descendants()
.Descendants(string nodeTypeAlias)
.Descendants(int level)
.DescendantsOrSelf()
.DescendantsOrSelf(int level)
.DescendantsOrSelf(string nodeTypeAlias)

Filtering & Ordering & Extensions

.Where(Lambda Expression*)
.OrderBy(Lambda Expression*)
.OrderByDescending(Lambda Expression*)
.Union(IEnumerable<IPublishedContent>, IEQualityComparer))
.Intersect(IEnumerable<IPublishedContent>, IEQualityComparer))
.Except(IEnumerable<IPublishedContent>, IEQualityComparer))
.Distinct([IEQualityComparer])
.DistinctBy(Lambda Expression*)
.GroupBy(Lambda Expression*)
.Take(int)
.TakeWhile(Lambda Expression*)
.Skip(int)
.SkipWhile(Lambda Expression*)
.RandomOrder()
.InGroupsOf(int)

*Writing Lambda Expression Examples

var items = Model.Content.Where(x => x.IsVisible())
var items = Model.Content.OrderBy(x => x.UpdateDate)

Traversing

.Parent
.First()
.FirstOrDefault()
.Last()
.LastOrDefault()
.Single()
.SingleOrDefault()
.Sibling(int)
.Sibling(nodeTypeAlias)
.Up()
.Up(int) (0-based)
.Down()
.Down(int) (0-based)
.Next()
.Next(int) (0-based)
.Previous()
.Previous(int) (0-based)

Aggregate Functions

.Count()
.Min(Lambda Expression*)
.Max(Lambda Expression*)
.Average(Lambda Expression*)
.Sum(Lambda Expression*)

Macro View Inheritance

@inherits Umbraco.Web.Macros.PartialViewMacroPage

Macro Parameters

@Model.MacroParameters["paramAlias"]

@Umbraco helper

Loaders

.TypedContent(int|string)
.TypedContentAtRoot()
.TypedContentAtPath(xpathQuery)
.TypedContentAtPathSingle(xpathQuery)
.TypedMedia(int|string)
.TypedSearch(term[, searchProvider])
.TypedSearch(ISearchCriteria[, searchProvider])

Conditionals

.If(booleanStatement, valueIfTrue[, valueIfFalse])

Manipulation

.Coalesce(value, value[, value ...])
.Concatenate(value, value[, value ...])
.Join(seperator, value, value[, value ...])
.Truncate(htmlString, int[, bool addElipsis]
[, bool treatTagsAsContent])
.StripHTML(htmlString[, tagsToString])

Property Checking

.HasProperty(string propertyAlias)
.HasValue(string propertyAlias)
.IsNull(string propertyAlias)

IsHelpers

.IsFirst(IfTrue[, IfFalse])
.IsNotFirst(IfTrue[, IfFalse])
.IsLast(IfTrue[, IfFalse])
.IsNotLast(IfTrue[, IfFalse])
.IsPosition(int, IfTrue[, IfFalse])
.IsNotPosition(int, IfTrue[, IfFalse])
.IsModZero(int, IfTrue[, IfFalse])
.IsNotModZero(int, IfTrue[, IfFalse])
.IsEven(IfTrue[, IfFalse])
.IsOdd(IfTrue[, IfFalse])
.IsEqual(IPublishedContent, IfTrue[, IfFalse])
.IsNotEqual(IPublishedContent, IfTrue[, IfFalse])
.IsDescendant(IPublishedContent, IfTrue[, IfFalse])
.IsDescendantOrSelf(IPublishedContent, IfTrue[, IfFalse])
.IsAncestor(IPublishedContent, IfTrue[, IfFalse])
.IsAncestorOrSelf(IPublishedContent, IfTrue[, IfFalse])

Permissions

.HasAccess()
.IsProtected()