



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
.UmbrachHeight

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()





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

Macro View Inheritance

@inherits Umbraco.Web.Macros.PartialViewMacroPage

Macro Parameters

@Model.MacroParameters["paramAlias"]

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))
- .GetPropertyValue("propertyAlias")
- .GetPropertyValue<type>("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(ICollectionable<IPublishedContent>, IEQualityComparer)
- .Intersect(ICollectionable<IPublishedContent>, IEQualityComparer)
- .Except(ICollectionable<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*)

@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()

