



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))
- .GetProperty("propertyAlias")
- .GetProperty<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(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*)

@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()

