



# Umbraco v6.x Razor Cheatsheet

(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(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()

