

Basics	Basics (cont)	Supported IQueryable methods (cont)
<b>Terms &amp; Phrases</b> "test" or "hello dolly"	c.Where ("test") dolly")	Equals (queryable)
<b>Fields</b> title:"The Right way" and text:"go"	c.Title == "The Right way" or c.Text == " go" or c.Equ	Ordering Operators OrderBy results = queryable
<b>Wildcard</b> amber	c.ContactName.Contains ("amber")	Ordering Operators ThenBy results = queryable
<b>Prefix</b> amber amber	c.ContactName.StartsWith("amber") or c.ContactName.EndsWith("amber")	Ordering Operators ThenBy results = queryable
<b>Fuzzy</b> roam OR roam0.8	c.ContactName.Like ("roam") or c.ContactName.Like ("roam sit e")	Ordering Operators Descending Reverse
<b>Proximity</b> "jakarta apache"~10	c.ContactName.Like ("jakarta apache ", 10)	Grouping Operators Unsupp-Grouped GroupBy -Simple GroupBy -Compar
<b>Inclusive Range</b> mod_date:[20-020101 TO 20030101]	c.ModifiedDate	Set, Inclusion Operators Unsupp-Both Distinct Union Inter
<b>Exclusive Range</b> title:{Aida TO Carmen}	c.Title.Between ("Aida", " Carmen ", Inclusion.No	Element Operators First Simple Condition FirstOrDe- fault -
<b>Boosting</b> jakarta^4 apache	c.Title.Equ ls (" jak art a".B oos t(4))    c.Titl e.E qua ls("	Unsupp-orted Element Operators FirstOrDe- fault- Condition
<b>Boolean Or</b> "jakarta apache" OR jakarta	where c.Titl e.E qua ls( " jakarta apache ")    c.Equa	Partitioning Operators Take results = queryable.Take (10); Partitioning Operators Skip results = queryable.Sk ip(10);



By Kiran Patil (kpatil)  
[cheatography.com/kpatil/](http://cheatography.com/kpatil/)

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Supported IQueryable methods (cont)		IQueryable Extensions	IQueryable Extensions (cont)
Element Operators	ElementAt	<b>Filtering</b> <code>results = queryable.ElementAt(10);</code>	<b>Other</b> <code>results = queryable.ElementAt(10);</code>
Element Operators	Last	<b>Facets</b> <b>Simple</b> <code>var results = queryable.FacetOn(d =&gt; d.Name);</code> <b>Faceting</b> <code>queryable.Last(d =&gt; d.Id &gt; 10);</code>	<b>Between</b> <code>results = queryable.Between(d =&gt; d.Date, d =&gt; d.Date.AddDays(10));</code>
Element Operators	LastOrDefault	<b>Faceting</b> <code>queryable.LastOrDefault(d =&gt; d.Id &gt; 10);</code> <b>Boosting</b> <code>results = queryable.Boost(d =&gt; d.Id &gt; 10);</code>	<b>Other</b> <code>results = queryable.LastOrDefault(d =&gt; d.Id &gt; 10);</code>
Element Operators	Single	<code>result = queryable.Single();</code> <b>or</b> <code>result = queryable.Single(d =&gt; d.Id &gt; 10);</code>	<b>Other</b> <b>string.Contains</b> <code>results = queryable.Where(d =&gt; d.Id == 7).Boo</code>
Element Operators	SingleOrDefault	<code>result = queryable.SingleOrDefault();</code> <b>or</b> <code>result = queryable.SingleOrDefault(d =&gt; d.Id &gt; 10);</code>	<b>Other</b> <b>string.CompareTo</b> <code>results = queryable</code>
Quantifiers	Any - Simple	<code>results = queryable.Any();</code>	<b>Other</b> <b>Equal</b> <code>results = queryable</code>
Quantifiers	Any - Grouped	<code>results = queryable.Any(d =&gt; d.Name == " Sitecore ");</code>	<b>Other</b> <b>Matches</b> <code>results = queryable</code>
Quantifiers	Unsupported	All	
Aggregate Operators	Count - Simple	<code>results = queryable.Count();</code>	
Aggregate Operators	Count - Conditional	<code>results = queryable.Count(d =&gt; d.Id &lt; 10);</code>	
Aggregate Operators	Unsupported	Sum Min Max Average Aggregate	
Join Operators	Unsupported	Cross Join Group Join Cross Join with Group Join Left Outer Join	



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IQueryable Extensions (cont)		Daily Life usages (cont)	Daily Life usages (cont)
Other	MatchWildcard	results = queryable.Where(i => i.Temp lat e.Like ("Citec bar "));	Find all the items that have "s" in their names
Other	Like	results = queryable.Where(i => i.Temp lat e.Like ("Citec bar "));	Find all the items that have "s" in their names
Other	string.StartsWith	results = queryable.Where(d => !d.Name.StartsWith ("Hello "));	Find all the items that have "s" in their names
Other	string.EndsWithWith	results = queryable.Where(d => !d.Name.EndsWith ("Hello "));	Find all the items that have "s" in their names
GetResults		results = queryable.Where(i => i.Score > 0.6);	Find all the items that have "s" in their names
GetFacets		results = queryable.Where(d => d.Id > 0).FacetOn(d => d.Name);	Find all the items that have "s" in their names
Daily Life usages			
This returns the results of a query on your search index and returns it as a SearchResultItem type.		using (var context = ContentSearchManager.GetIndex (item)) { IQueryable<Item> items = context.GetQueryable<SearchResultItem>().Where (item => item.Name == "Sitecore");	Find all the items that have some content in the "Page Title" field
		using (var context = ContentSearchManager.GetIndex (item)) { IQueryable<Item> items = context.GetQueryable<SearchResultItem>().Where (item => item.Name == "Sitecore").Where (item => item.Title == "Test    item.Body.Contains ("cms"));	Find all the items that have some content in the "Page Title" field
			Find all the items that have some content in the "Page Title" field
			Find all the items that have some content in the "Page Title" field



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### Daily Life usages (cont)

finding an item where item.Fields["TaxonomyItems"] // is a multi list field and contains "{01-642-4DF-86-5C--49DC-9D7A-4-0EB-810-1C7-17}"

Find items based on DataSource string

### Advanced Usages (cont)

To get all details related to search index like IsClean, LastUpdated, NumberOfDocuments, NumberOfFields

The [Index Field(Sitecore.Content.Search.BuiltInField)...]  
 \_content set; }  
 field aggregates all fields from the item to allow full text

searching  
 To do your index field configuration

### Advanced Usages

Get Particular template's item for current website and latest version of an item only

```
var searchResultItem = context.GetUserByLanguage(SearchResultItem>())
Version().Version.ToString();
```



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