IIISeq Expressions

Full-Text Search

Search for **arbitrary text** by entering it directly

```
Checking out cart c-012834
```

If the text might be interpreted as an expression, **double-quote** it

```
"apple or orange"
```

To force exact **case-sensitivity**, prefix text with @

```
@"Apple" or @"Orange"
```

To search for a **regular expression**, use slashes

```
/[Aa].*e/
```

Strings

Strings are 'single-quoted'

Substrings, prefixes and **suffixes**

```
@Message like 'Checking out%'
```

Exact, case-sensitive **equality**

```
Environment = 'Production'
```

Full **regular expression match**

```
SourceContext = /System\.(Web|Net)/
```

Regular expression **partial match**

```
Contains(SourceContext, /(Web|Net)/
```

Positional substring – zero-based index, length

```
Substring(Path, 1, 3) = 'api'
```

Event Data

Check if a property **exits**

```
Has(Environment)
```

Check if a property is **non-null**

```
Environment is not null
```

Access a **sub-property**

```
User.Email <> 'support@getseq.net'
```

Access a **collection element**

```
Tags[5] = 'promoted'
```

Find **any** collection element (use * for **all**)

```
Tags[?] = 'promoted'
```

Built-in Properties

@Arrived – order-of-arrival at Seq

@Document – a full JSON rendering of the event

@EventType – a hash of the event's message template or an assigned event type

@Exception – error and stack trace, if any

@Id – unique identity assigned by Seq

@Level – logging level associated with the event

@Message – message associated with the event

@MessageTemplate – message template used to generate the event

@Properties – a dictionary of custom event properties

@Timestamp – UTC timestamp as ticks

More Functions...

DateTime(value) – parse a date/time string

```
DateTime(Order.Placed) <
DateTime("2016-03-31 14:00:00 -7")
```

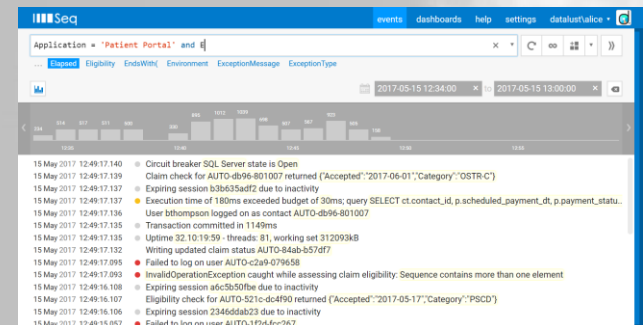**IndexOf(text, pattern)** – index or -1

```
IndexOf(CustomerName, "al") = 10
```

Length(text) – string length

```
Length(CustomerName) < 5
```

ToIsoString(value) – convert ticks to ISO-8601

```
ToIsoString(@Timestamp)
```

See also: Arrived(), Round(), TimeOfDay(), ToNumber(), TypeOf(), TotalMilliseconds()

Signals – use the » button to save filters.

To SQL – click + next to QUERIES in the right-hand panel to convert the current filter to SQL.

Recent Filters – use the drop-down in the right-hand side of the filter box to view recent filters.

Learn more at https://docs.getseq.net/