

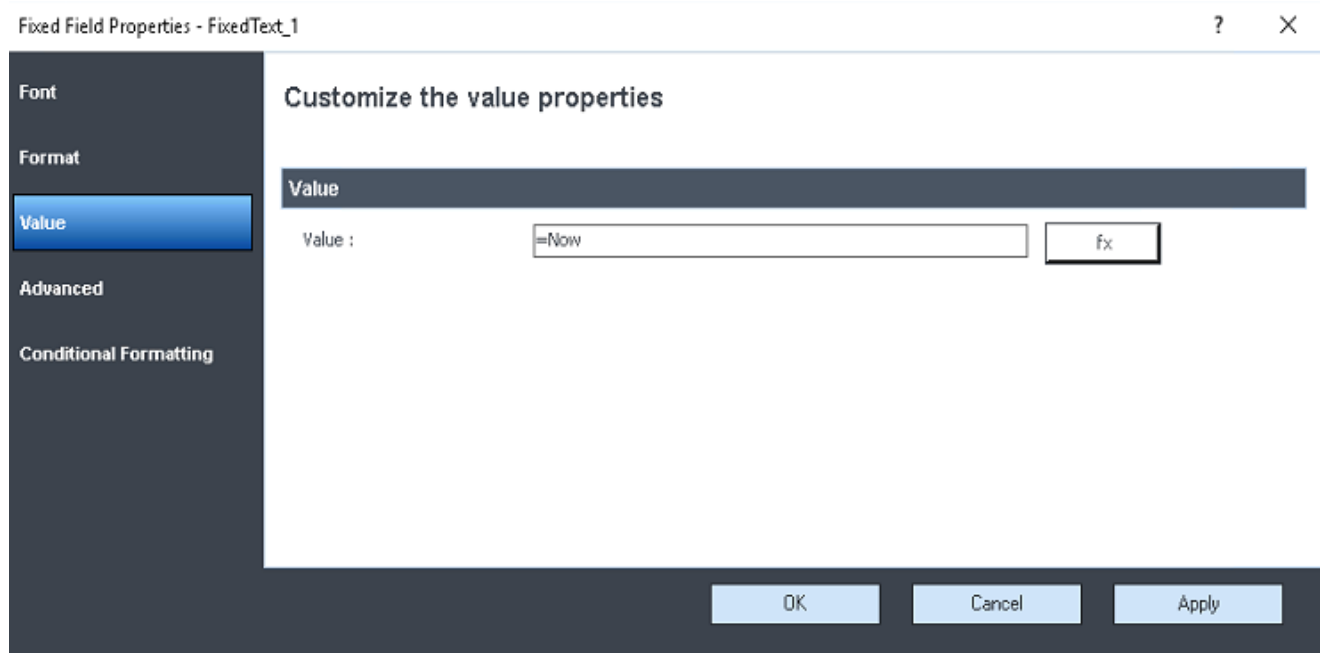
Make your own custom way of displaying the Date and Time in your reports

Note: The below article can be used for intelligent reporting or custom calculation templates edition

In Intelligent reporting, most of the visual basic functions can be used to such as "like", "vbnewline", This can be also apply to format date.

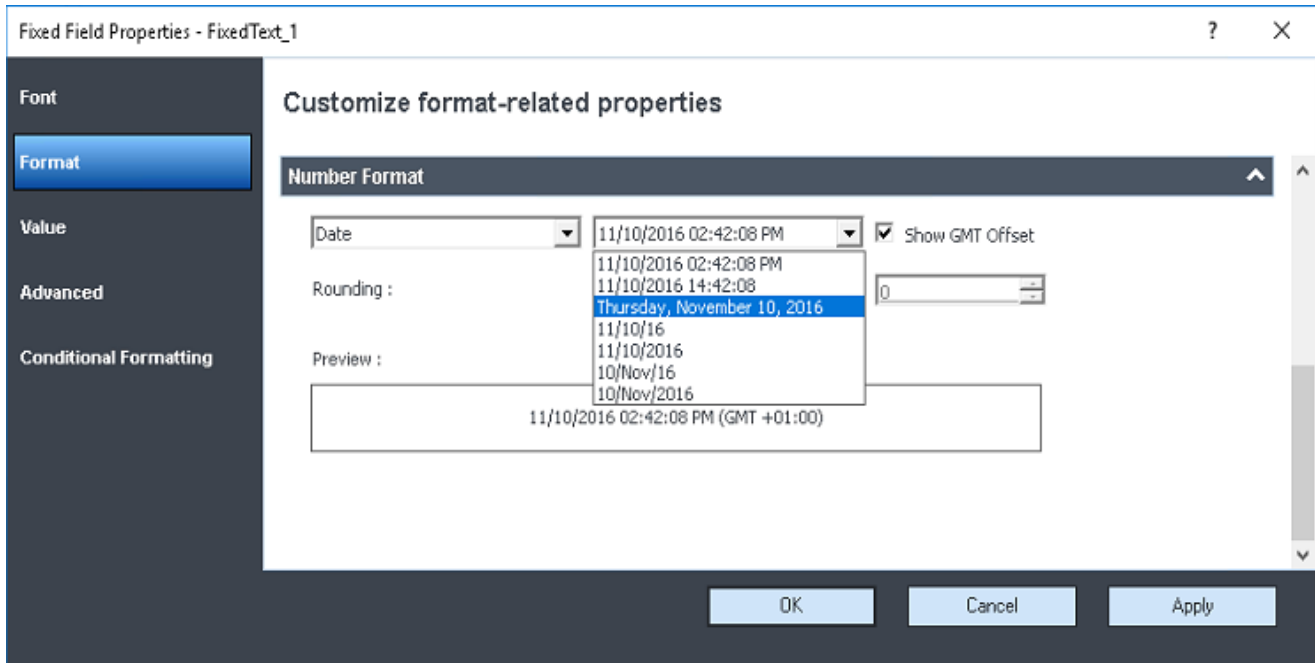
One of the most common way in a report editor is to type the date field in the value expression, and then edit your data and time formats in the "value format" properties :

This "Now" vb expression returns the actual time when the report is generated :

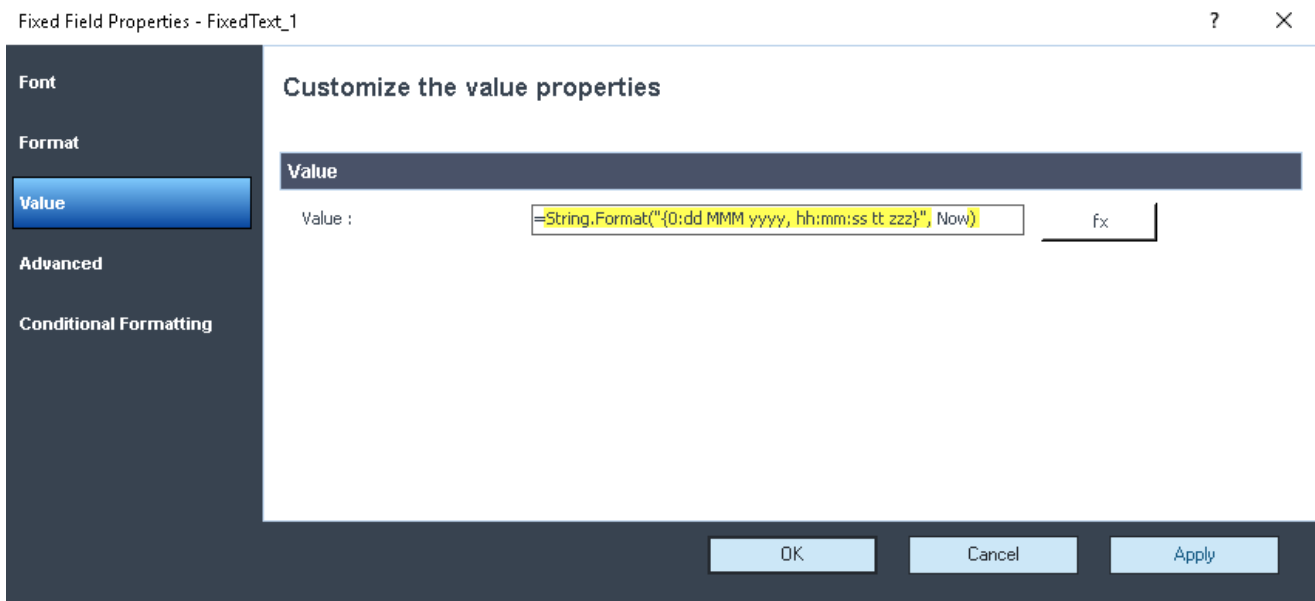


Then, the date format can be chosen from the date formats :

Make your own custom way of displaying the Date and Time in your reports



However, if you would like to edit your own format by editing this in the value expression as following :



The above expression would return the date and time with this format : 10 Nov 2016, 02:56:39 PM +01:00

String.Format is a visual basic expression which can edit your data and time fields as following:

Make your own custom way of displaying the Date and Time in your reports

Custom formats :

```
String.Format("{0:y yy yyy yyyy}", dt); // "8 08 008 2008" year
String.Format("{0:M MM MMM MMMM}", dt); // "3 03 Mar March" month
String.Format("{0:d dd ddd dddd}", dt); // "9 09 Sun Sunday" day
String.Format("{0:h hh H HH}", dt); // "4 04 16 16" hour 12/24
String.Format("{0:m mm}", dt); // "5 05" minute
String.Format("{0:s ss}", dt); // "7 07" second
String.Format("{0:f ff fff ffff}", dt); // "1 12 123 1230" sec.fraction
String.Format("{0:F FF FFF FFFF}", dt); // "1 12 123 123" without zeroes
String.Format("{0:t tt}", dt); // "P PM" A.M. or P.M.
String.Format("{0:z zz zzz}", dt); // "-6 -06 -06:00" time zone
// month/day numbers without/with leading zeroes
String.Format("{0:M/d/yyyy}", dt); // "3/9/2008"
String.Format("{0:MM/dd/yyyy}", dt); // "03/09/2008"
// day/month names
String.Format("{0:ddd, MMM d, yyyy}", dt); // "Sun, Mar 9, 2008"
String.Format("{0:dddd, MMMM d, yyyy}", dt); // "Sunday, March 9, 2008"
// two/four digit year
String.Format("{0:MM/dd/yy}", dt); // "03/09/08"
String.Format("{0:MM/dd/yyyy}", dt); // "03/09/2008"
```

Standard formats :

```
String.Format("{0:t}", dt); // "4:05 PM" ShortTimeString.Format("{0:d}", dt); // "3/9/2008"
ShortDateString.Format("{0:T}", dt); // "4:05:07 PM" LongTimeString.Format("{0:D}", dt); //
"Sunday, March 09, 2008" LongDateString.Format("{0:f}", dt); // "Sunday, March 09, 2008 4:05
PM" LongDate+ShortTimeString.Format("{0:F}", dt); // "Sunday, March 09, 2008 4:05:07 PM"
FullDateTimeString.Format("{0:g}", dt); // "3/9/2008 4:05 PM" ShortDate+ShortTimeString.Format("{0:G}",
dt); // "3/9/2008 4:05:07 PM" ShortDate+LongTimeString.Format("{0:m}", dt); // "March 09"
MonthDayString.Format("{0:y}", dt); // "March, 2008" YearMonthString.Format("{0:r}", dt); //
"Sun, 09 Mar 2008 16:05:07 GMT" RFC1123String.Format("{0:s}", dt); // "2008-03-09T16:05:07"
SortableDateTimeString.Format("{0:u}", dt); // "2008-03-09 16:05:07Z" UniversalSortableDateTime
```

Make your own custom way of displaying the Date and Time in your reports

in this example "dt" represents your data and time field, which can be any of your data fields such as "Injection_AcquiredDate", "Injection_LastModifiedDate".

Note : as these expressions are pure visual basic expressions, the expression editor will flag the expression with a warning (because this is another language than the Intelligent Reporting expressions editor).

Regards,

Pierre