

# Host Timestamp fields

FileMaker provides a number of default auto-enter values for specific fields such as **creation date**, **time**, **account name**, **timestamp** and the less used **name** - as well as their modification equivalents.

When creating a solution which is used in more than one **time zone** it is desired to know when records were created or modified relative to a singular time. This can be accomplished with FileMaker's **Get ( CurrentHostTimeStamp )** function within an auto-enter field.

Follow these steps to implement or simply copy and paste from the [Standards.fp7](#) or [Standards.fmp12](#) file.

## creationHostTimestamp

Follow the settings within these dialogs.

Options for Field "creationHostTimestamp"

Auto-Enter Validation Storage Furigana

Automatically enter the following data into this field:

Creation Timestamp (Date and Time)

Modification Timestamp (Date and Time)

Serial number

Generate:  On creation  On commit

next value 1 increment by 1

Value from last visited record

Data:

Calculated value Specify...

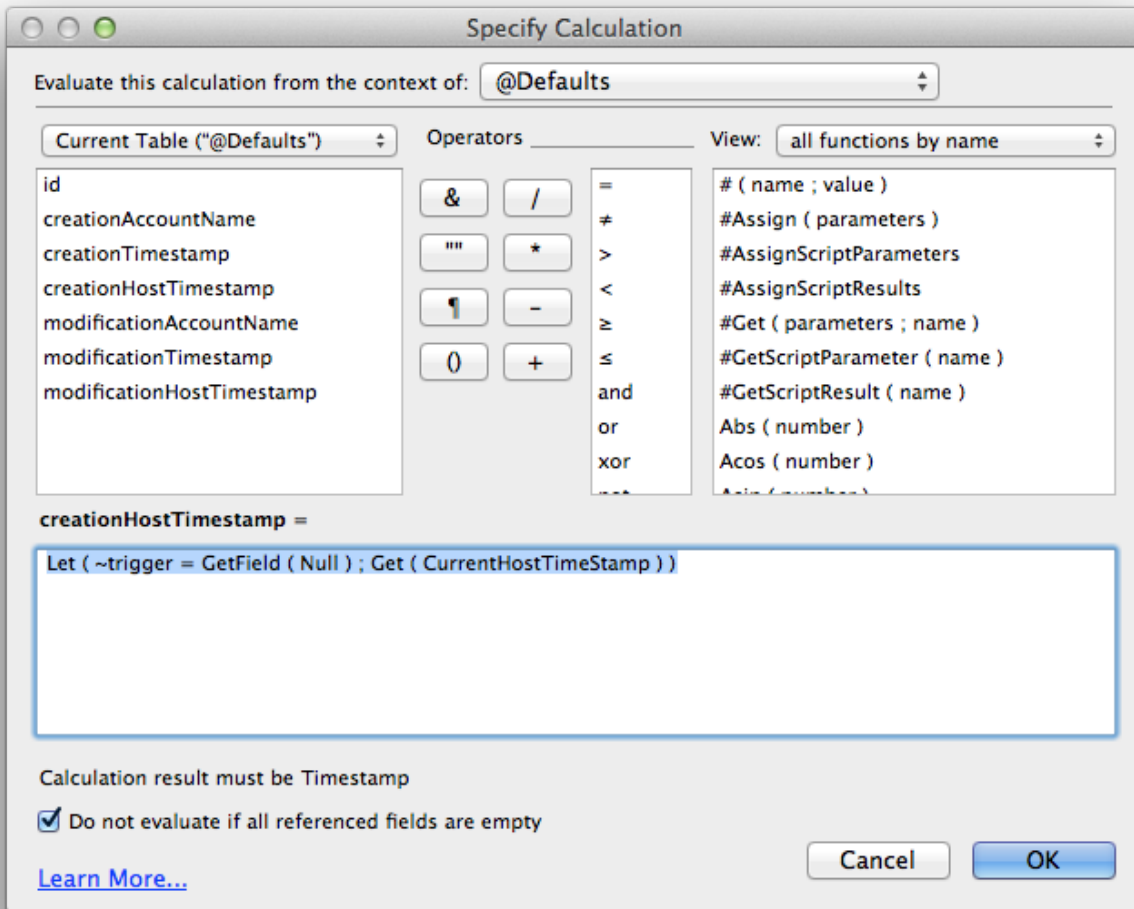
Do not replace existing value of field (if any)

Looked-up value Specify...

Prohibit modification of value during data entry

Cancel OK

**Note:** The check box for **Do not replace existing value of field (if any)** is checked for the creation field but not for the modification field.



When using GetField ( Null ), the calculation is always evaluated and forces the call to the Get ( CurrentHostTimeStam ) function. This is useful for time based calculations and audit logging.

The modification version of the field varies only in the setting of the **Do not replace** check box (which is disabled) and its reference to the modificationTimestamp field.

Options for Field "modificationHostTimestamp"

Auto-Enter

Validation

Storage

Furigana

Automatically enter the following data into this field:

Creation

Modification

Serial number

Generate:  On creation  On commit

next value  increment by

Value from last visited record

Data:

Calculated value

Do not replace existing value of field (if any)

Looked-up value

Prohibit modification of value during data entry

Cancel

OK

**Specify Calculation**

Evaluate this calculation from the context of: @Defaults

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Current Table ("@Defaults")    Operators    View: all functions by name

<p>id</p> <p>creationAccountName</p> <p>creationTimestamp</p> <p>creationHostTimestamp</p> <p>modificationAccountName</p> <p>modificationTimestamp</p> <p>modificationHostTimestamp</p>	<p>&amp;    /</p> <p>""    *</p> <p>!    -</p> <p>()    +</p> <p>=</p> <p>≠</p> <p>&gt;</p> <p>&lt;</p> <p>≥</p> <p>≤</p> <p>and</p> <p>or</p> <p>xor</p>	<p># ( name ; value )</p> <p>#Assign ( parameters )</p> <p>#AssignScriptParameters</p> <p>#AssignScriptResults</p> <p>#Get ( parameters ; name )</p> <p>#GetScriptParameter ( name )</p> <p>#GetScriptResult ( name )</p> <p>Abs ( number )</p> <p>Acos ( number )</p>
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**modificationHostTimestamp =**

Let ( ~trigger = GetField ( Null ) ; Get ( CurrentHostTimeStam ) )

Calculation result must be Timestamp

Do not evaluate if all referenced fields are empty

[Learn More...](#)    Cancel    OK