

### Manual Testdefinition-TestDefiner 1.1.11

For now, this manual only contains the guide to get started with measurement variables. There is much more to come, it's simply work in progress.

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More information and suggestions: [annemieke.mens@deltares.nl](mailto:annemieke.mens@deltares.nl)

#### Preparation

First, make sure you obtain an overview of

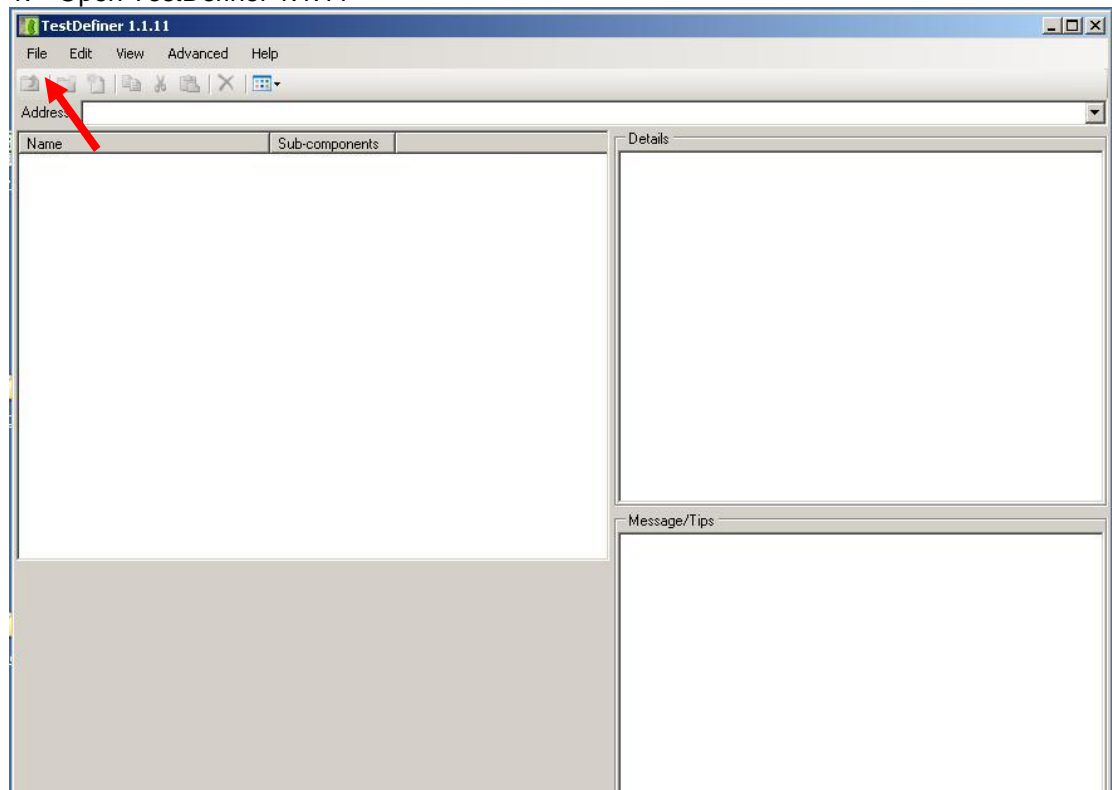
1. the variables you want to measure
2. the shortname you would like to use in MatLab for these variables
3. the quantitynumber that is attached to the variable during the measurements (the ones that are fixed by f.i Frans Kop)
4. the unit that the variables are measured in.

Then, determine in what measurement phase (SMARF) the variables are, if you don't know, use Measurement as a start.

Lastly, save the 'empty\_template.xml' somewhere you can find it.

#### Starting up

1. Open TestDefiner 1.1.11



2. Via <File>-><Open> either open the **Error! Objects cannot be created from editing field codes.** or a previously created testdefinition

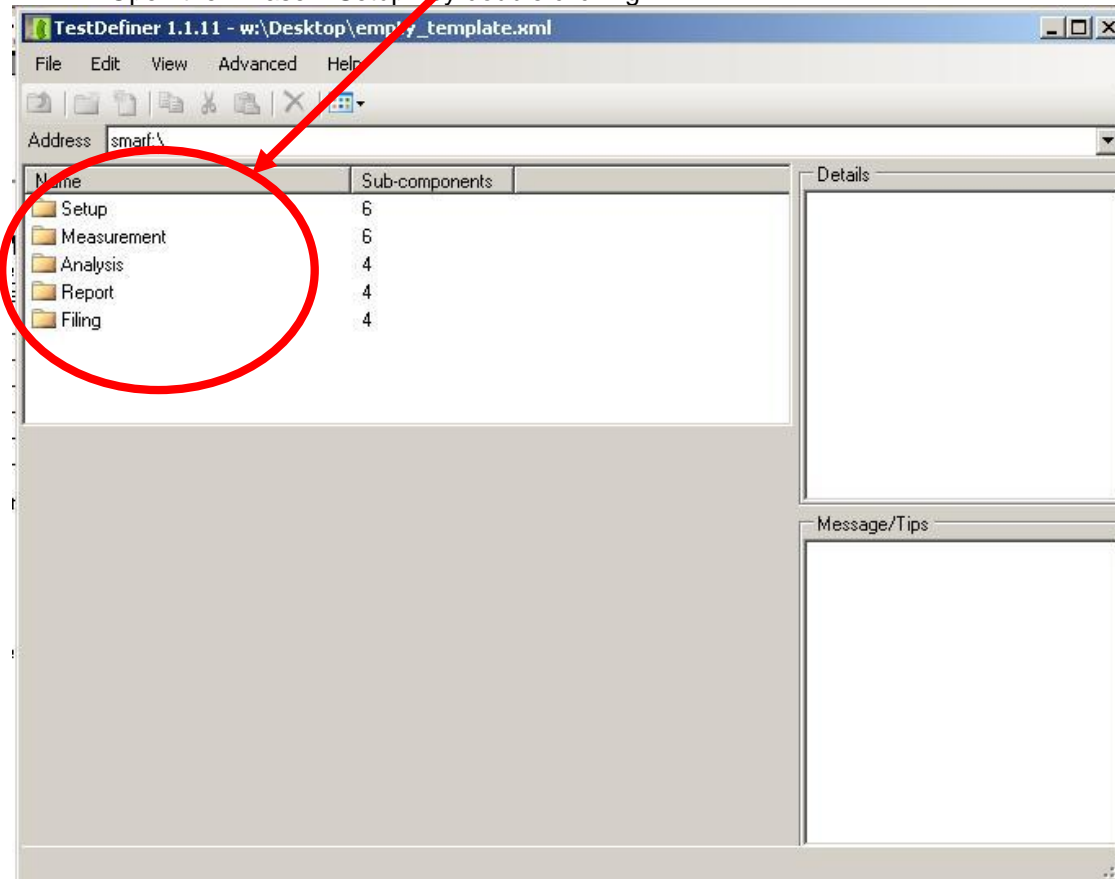
## Editing

Assume you want to insert the following information:

Example	Phase (SMARF)	Variable	Short name	Unit	Quantity number	Quantity	Type
1	Setup	Fileowner	men	-	-	-	system
2	Measurement	PorePressureTransducer1	PPT1	kPa	2002	Pressure	Column
3	A						
4	R						
5	F						

For every example, you start with the following order, the values between <> show the input for several examples in the preceding table.

1. Open the 'Phase' <Setup> by double clicking:



2. Choose Type:<system>

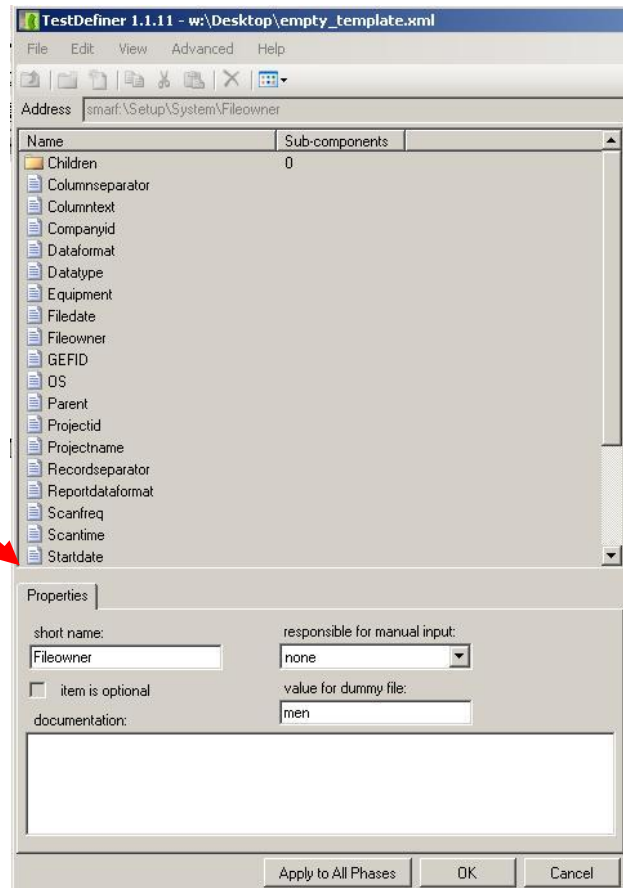
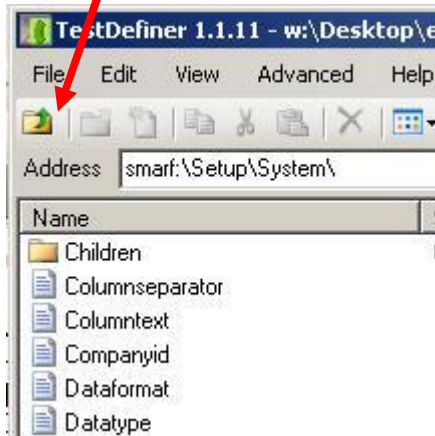
Now there are two possibilities: either you want to change/edit a variable, or you want to insert a new one.

Option 1: editing an existing variable

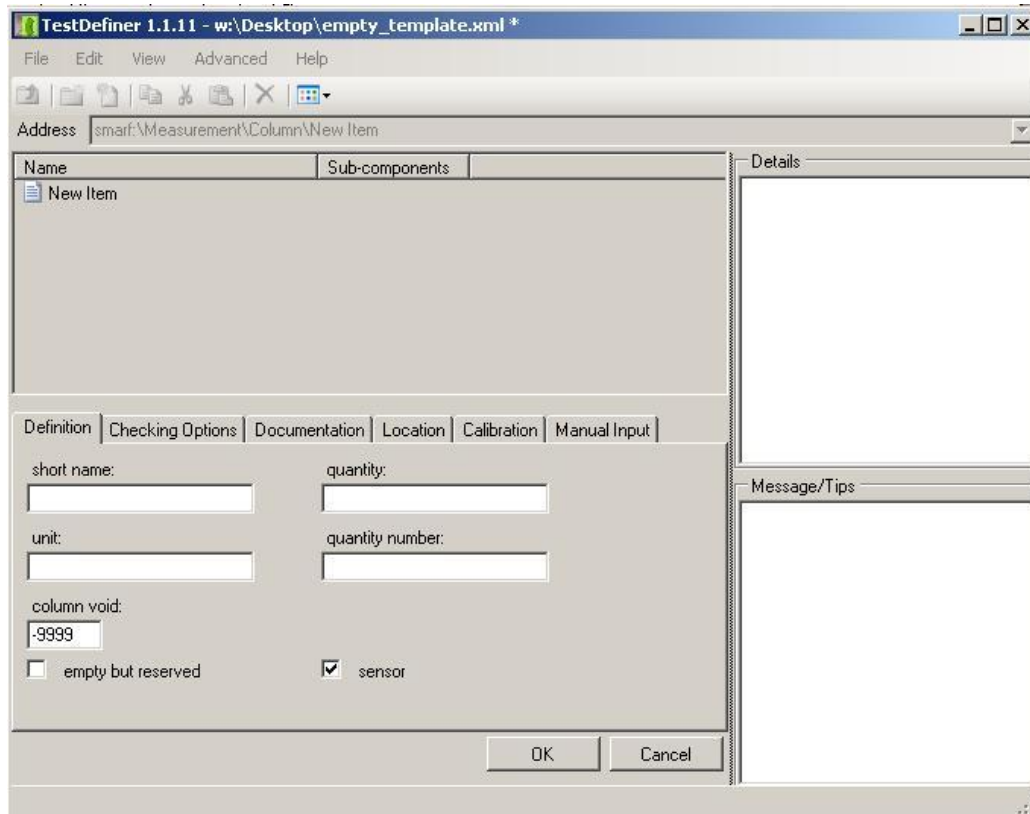
1. Doubleclick on a variable, <Fileowner (this variable is blue, this denotes the possibility to enter the info one time and make sure the tesdefinition remembers this in all other phases)>.
2. Now enter the information in the properties tab
3. Close this tab by clicking on <ok> or <apply to all phases>

Option 2: creating a new variable

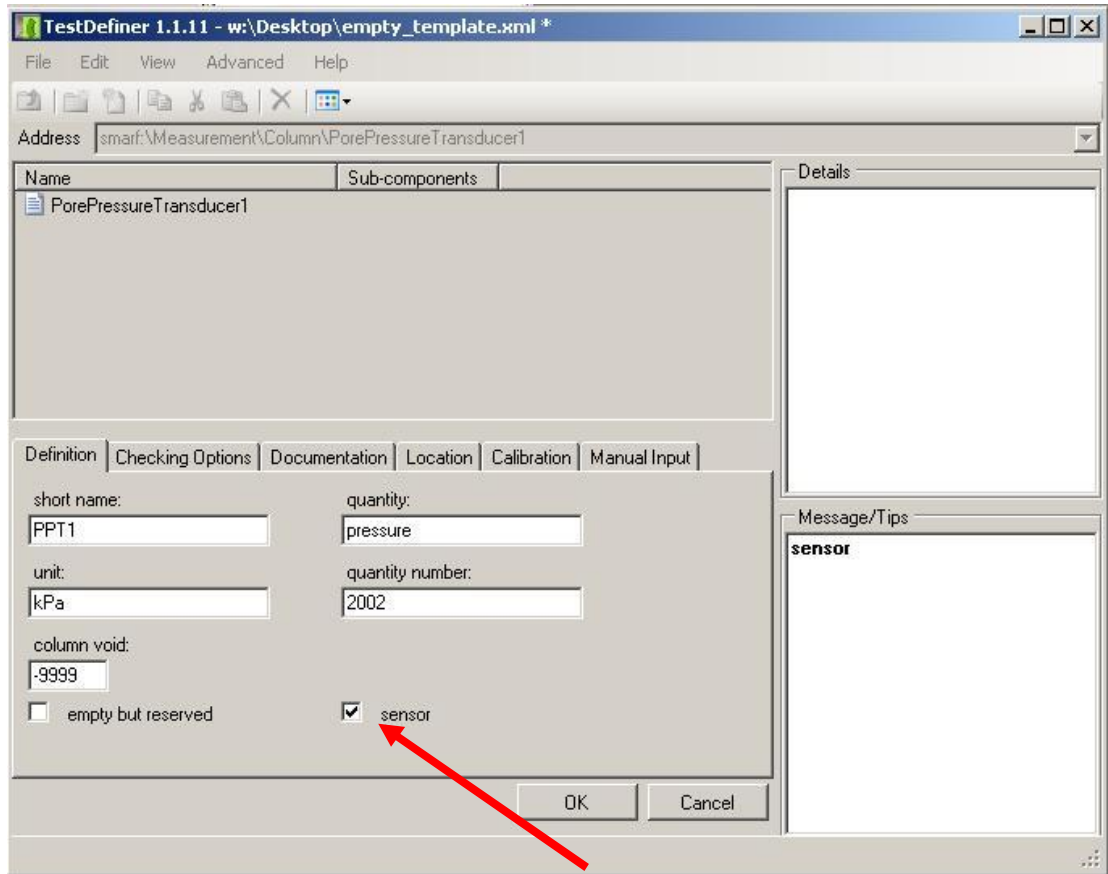
1. In <system> this is not possible, so you should go back by clicking on the <Up> button:



2. Go up once more and then proceed to example 2: <Measurement><Column>. The following screen appears:



3. First enter the variable name instead of the word New Item  
<PorePressureTransducer1> and press enter, which leads you to new tabs
4. Since 'Column' usually represents the main measurements, such as time, pressure, temperature and other more or less continuous measurements, these values probably have been measured electronically. In turn this means the lab-people already attached a 'quantity number' to this measurements. Make sure u use the same quantity number, because this is the key of automatic gef-processing! In here you attach an identical number (the quantity number) to a variable that actually has a name and that you will understand, and much more important that another person will understand in future, even if you are not around to tell this person what is exactly is.



5. Many possibilities are available here. By ticking 'sensor' it is possible to describe the position and the calibration as well.
6. Simply close by pressing <ok>
7. Don't forget to save regularly!