

ERSTELLUNG THING

The screenshot illustrates the process of creating a new Thing in ThingWorx Composer. The top window shows the 'Things' list with a 'New' button highlighted. The bottom window shows the 'General Information' form with fields for Name, Description, Project, Tags, Thing Template (set to GenericThing), and Implemented Shapes. A text box points to the Name field with the note 'Namenskonvention siehe nächste Folie'.

ThingWorx Composer Interface

Things List

View	Name	Description	Modified
<input type="checkbox"/>	dibse-raspi3		2019-03-19 16:38:07.780
<input type="checkbox"/>	die.thing		2019-03-19

New Thing Form

General Information

Name: Schule_JahrKlasse_KatNr_Thingname

Description:

Project: Search Projects

Tags: Search Model Vocabulary

Thing Template: GenericThing

Implemented Shapes: Search Thing Shapes

Active: ☒

Home Mashup: Search Mashups

Avatar: Change

Published: ☐

Identifier: Browse...

Last Modified Date: No date and time selected

Value Stream: Search Thing

ERSTELLUNG PROPERTY

The screenshot shows the ThingWorx Composer web interface. The browser address bar displays `https://twx.htl.schule/Thingworx/Composer/index.html`. The interface includes a top navigation bar with the ThingWorx logo, a search bar, and several action buttons: '+ New Entity', 'Import/Export', 'Monitoring', 'Help', 'Learning Connector', and a user profile 'iot-seminar16'. A left sidebar contains a navigation menu with categories like MODELING, ANALYTICS, VISUALIZATION, DATA STORAGE, COLLABORATION, and SECURITY. The main content area is titled 'Things' and features a search bar and a toolbar with buttons for '+ New', 'View', 'Edit', 'Duplicate', 'Delete', and 'Permissions'. Below the toolbar, a filter button 'Exclude System Objects' is visible. The main area displays a table of Things with columns for 'View', 'Name', 'Description', and 'Modified'. The table shows 148 items. The entry '920417_18FISA_00_Dummy' is highlighted with a red box. A red arrow points from a box labeled 'Klick' to this entry. Another red arrow points from a box labeled 'Nächste Folie' to the same entry.

View	Name	Description	Modified
<input type="checkbox"/>	dibse-raspi3		2019-03-19 16:38:07.780
<input type="checkbox"/>	die_thing		2019-03-19 13:00:13.018
<input type="checkbox"/>	920417_18FISA_00_Dummy		2019-03-18 13:20:12.654
<input type="checkbox"/>	Jenbach-Bonapace_Gruber		2019-03-15 11:10:19.828
<input type="checkbox"/>	Jenbach-Delic-Fanki		2019-03-15 08:58:32.754
<input type="checkbox"/>	dibse_raspi1		2019-03-13 14:17:40.059
<input type="checkbox"/>	cd-thing2		2019-03-13 10:50:43.113
<input type="checkbox"/>	dibse_raspi2		2019-03-13 10:15:27.540
<input type="checkbox"/>	910417_Waterbike		2019-03-11 08:54:45.692
<input type="checkbox"/>	910417_Raspberry	Daten des SensorHAT des Raspberry PI	2019-03-08 11:32:58.015
<input type="checkbox"/>	920417_18FISA_00_Library_Test	Test Thing from Armin Fischer Testing Library	2019-03-05 17:51:05.258
<input type="checkbox"/>	920417_18FISA_00_Lucky_Shield	TGM Lucky Shield	2019-03-05 16:58:08.820
<input type="checkbox"/>			2019-03-01

ERSTELLUNG PROPERTY

The screenshot shows the 'General Information' and 'Properties' tabs for an entity named 'Schule_JahrKlasse_KatNr_Thingname'. The 'Properties' tab is active, showing a table with one row: 'New Property' with 0 Alerts. A callout box labeled 'Ganze Zahl Kommazahl' points to the 'Base Type' dropdown menu, which lists various data types including '123 INTEGER', '123 LONG', 'JSON', 'LOCATION', 'MASHUPNAME', 'MENUNAME', 'NOTIFICATIONCONTENTNAME', 'NOTIFICATIONDEFINITIONNAME', '# NUMBER', and 'PASSWORD'. The 'Base Type' dropdown is currently set to '-T- STRING'. The 'Name' field in the 'New Property' section is also highlighted. The 'Data Change Info' section on the right shows 'Data Change Type' set to 'Value'.

General Information

Name ? Schule_JahrKlasse_KatNr_Thingname

Description ?

Active ? ☒

Home Mashup ? Search Mashups

Avatar ? Change

Properties

+ Add My Property

Manage Bindings Edit Delete Duplicate

Edit	Name	Type	Alerts	Additional Info	Default Value	Value	DataChange
<input type="checkbox"/>	New Property		0 Alerts				Set Value

New Property My Property

General Property Info

Name ?

Description ?

Category ?

Alerts ?

Base Type Info

Base Type ? -T- STRING

Has Default Value ?

123 INTEGER

123 LONG

JSON

LOCATION

MASHUPNAME

MENUNAME

NOTIFICATIONCONTENTNAME

NOTIFICATIONDEFINITIONNAME

NUMBER

PASSWORD

Aspects

Persistent ? ☐

Read-only ? ☐

Logged ? ☐

Data Change Info

Data Change Type ? Value

Cancel Done Done and Add

Ganze Zahl Kommazahl

PROPERTY – WERT EINSTELLEN ODER AKTUALISIEREN

Schule_JahrKlasse_KatNr_Thingname Thing Save Cancel Edit To Do More

Properties ? + Add My Property Manage Bindings Edit Delete Duplicate

My Properties

Edit	Name	Type	Alerts	Additional Info	Default Value	Value	
	Sensorwert_1		0 Alerts				DataChange Value

GenericThing (ThingTemplate) - Properties

Generic Properties

Wert aktualisieren

Wert einstellen.

- Wert einstellen: Wenn am Arduino ein Wert abgefragt wird, kann dieser hier eingestellt werden. Am Arduino wird sich im Serial Monitor die Zahl ändern.
- Wert aktualisieren: Wenn Sensorwerte von Arduino geschickt werden, dann muss bei einer Wertänderung hier händisch aktualisiert werden (sonst wird alter Wert angezeigt)