

The MultiOne Configurator

Getting started : how to install workflow

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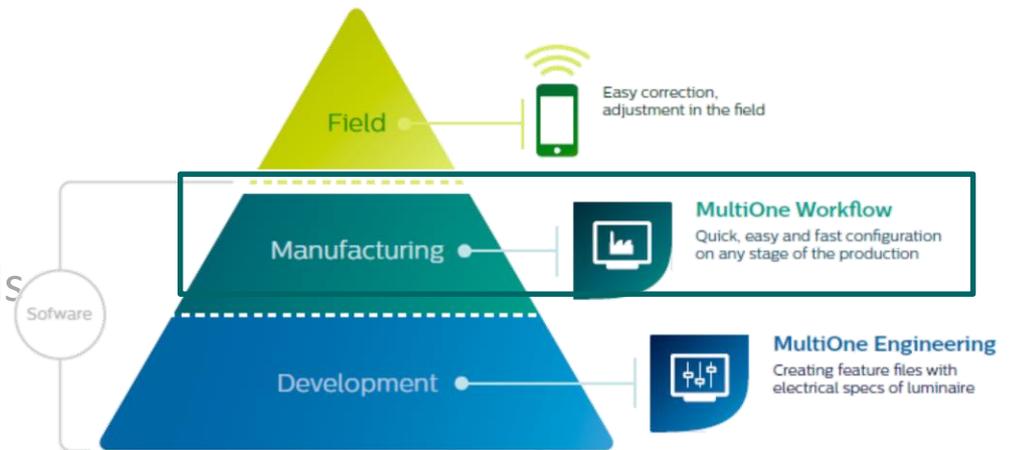


PHILIPS

Configurability with MultiOne Configurator

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Configurability with MultiOne Configurator

Concept MultiOne

- The Philips MultiOne Configurator is an **intuitive tool** that enables flexibility by configuring our Philips drivers to OEMs application needs.
- The MultiOne configurator consists of :

- MultiOne hardware



- Different type of interface tools
- Depending on used technology of driver

- MultiOne USB cable



- Standard USB cable
- Communication between driver and controls and PC

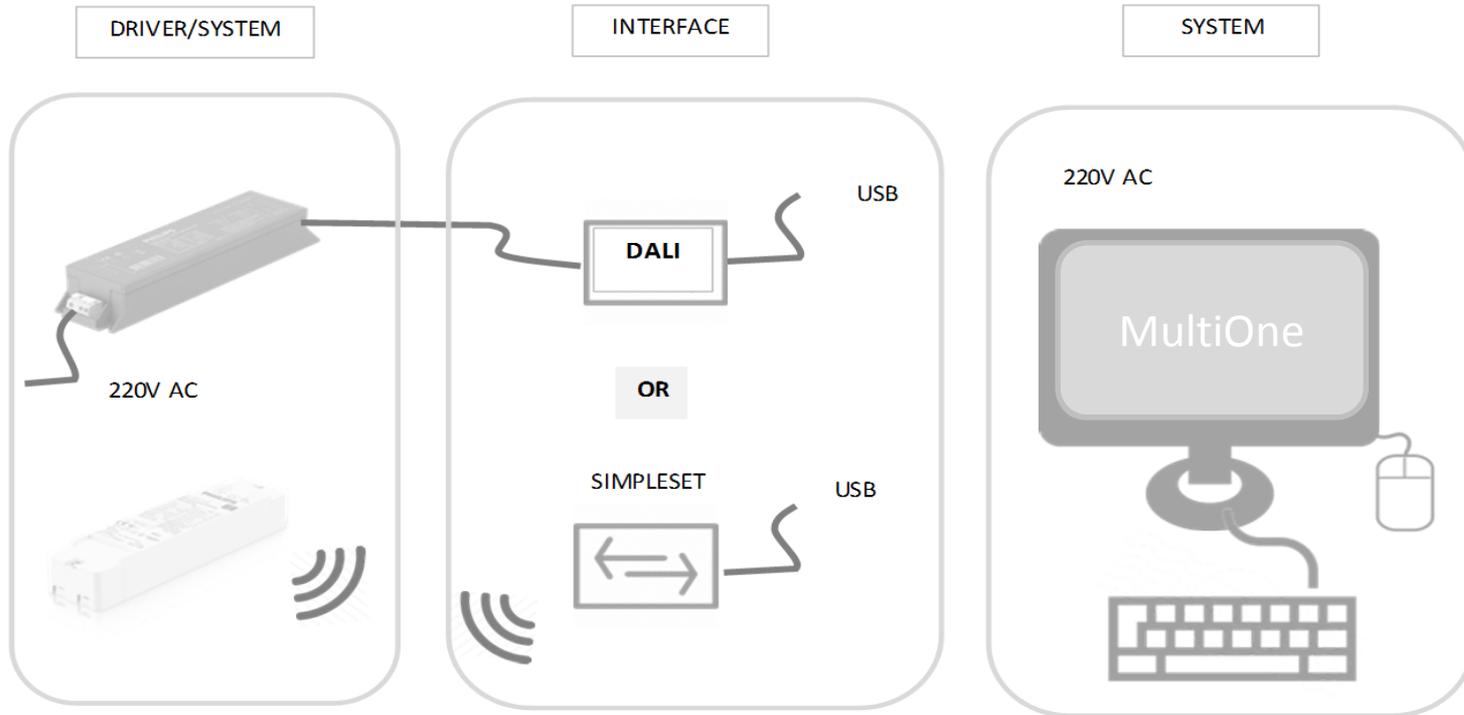
- MultiOne Software



- Software free download @ www.philips.com/MultiOne
- Install on a Windows PC

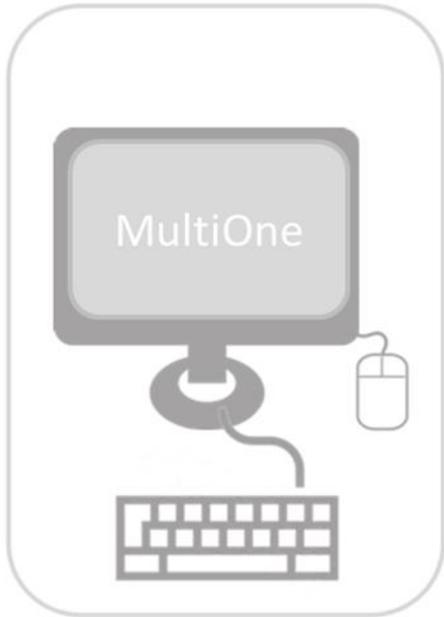
Configurability with MultiOne Configurator

Basic set up MultiOne



Configurability with MultiOne Configurator

Set up your PC



Hardware : PC or laptop

- Microsoft Windows 7, 8, 8.1 or 10
- One or multiple USB 2.0 port(s):
 - Two free USB 2.0 or 3.0 ports -> USB2DALI interface
 - One free USB 2.0 or 3.0 port -> USB2ZigBee interface
 - One free USB 2.0 or 3.0 port -> SimpleSet interface
- At least 45 MB of free disk space
- Microsoft .NET Framework 3.5 SP1 (automatic installation)

Attention points:

- No support of Windows Xp
- Check load of USB connections
- Administrator -> yes (if installation not via IT)
- Customer can work with internet, intranet or stand alone
- Use of tablet is not official released

Configurability with MultiOne Configurator

Different type of interface tools

- The latest development is the SimpleSet® interface tool.

• MultiOne DALI



Used to configure all programmable devices (LED, HID, FLUO)

- International Standard IEC62386
- Single interface for electronic controlled light systems
- Developed by group of Lighting manufactures

• MultiOne ZigBee



Used to commission and configure the ActiLume Wireless controllers

- Communication protocol
- Based on Standard IEEE802.15
- Developed by Zigbee Alliance

• MultiOne SimpleSet®



Used to configure programmable LED devices

- Based on NFC
- Protocol support the ISO/IEC 15693 standard
- roots goes back to radio-frequency identification

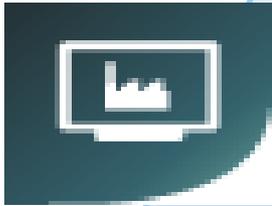
Configurability with MultiOne Configurator

Software structure



Field

Easy correction,
adjustment in the field



Manufacturing

Quick, easy and fast
configuration on any stage
of the production **WORKFLOW**



Development

Creating feature files with
electrical specs of
luminaire **ENGINEERING**



www.Philips.com/MultiOne

Configurability with MultiOne Configurator

Workflow software settings

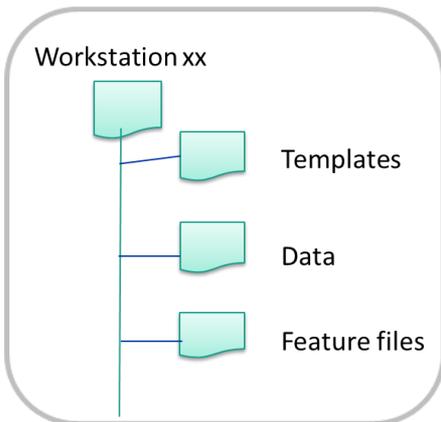


MultiOne Workflow is

- Special developed for the production environment
- Easy to operate
- Simplified by OK/NOK and clear error messages
- Creates own level of robustness

Universal software to create your own workstation
Settings

1. Settings of the workstation – via template :included in installation.
2. Selection of your preferences (via tools – preferences)
 1. Batch size
 2. Include custom fields (2) and unique ID
 3. Create csv files for label printing
 4. Use barcode reader for selecting feature file and info



Create a folder structure to find all the info

Configurability with MultiOne Configurator

Workflow software settings



Template

```
# Verify feature configuration after writing (possible values: true, false)
verify=true

# Identify every device (possible values: true, false)
identifyalways=true

# Configure multiple devices simultaneously (possible values: true, false)
multidevice=false

# Commission all connected devices (possible values: true, false)
commissionall=false

# Check the device model of every connected device (possible values: true, false)
checkdevicemodel=true

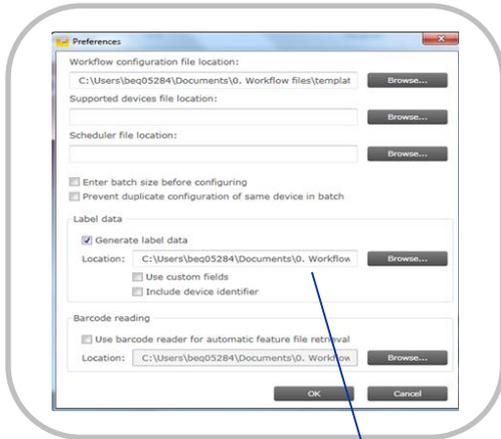
# Reset the short address of all connected devices and perform a DALI reset (possible va
dalifactorynew=true
```



Parameter	Meaning
verify	When enabled MultiOne Workflow will perform a Write & Verify while configuring the devices. When disabled only a Write will be performed. true verify is enabled false verify is disabled
identifyalways	When enabled Workflow will identify every device; otherwise it will identify only once. Disabling will increase the speed of the configuring process. (The assumption in the latter case is that MultiOne Workflow is used to consecutively configure a batch of devices of the same device type.) true identifyalways is enabled false identifyalways is disabled
multidevice	When multidevice is enabled MultiOne Workflow will allow multiple devices of the same device type to be simultaneously configured. Multidevice cannot be enabled together with the verify option. When multidevice is enabled identifyalways also has to be enabled. true multidevice is enabled false multidevice is disabled
checkdevicemodel	When enabled MultiOne Workflow will check if the connected device matches the device model that is included into the feature configuration file and raises an error if they do not match. If the feature configuration file does not contain any information about the device model (files created with MultiOne 2.6.5 or older) an error will be raised. true checkdevicemodel is enabled false checkdevicemodel is disabled
commissionall	When commissionall is enabled MultiOne Workflow will commission all connected devices. Also, when commission all is enabled the short addresses of the connected devices are not reset anymore true commission all is enabled false commission all is disabled
dalifactorynew	When dalifactorynew is enabled MultiOne Workflow will reset the short address of all connected devices, and perform a DALI reset after configuring has finished true dalifactorynew is enabled false dalifactorynew is disabled

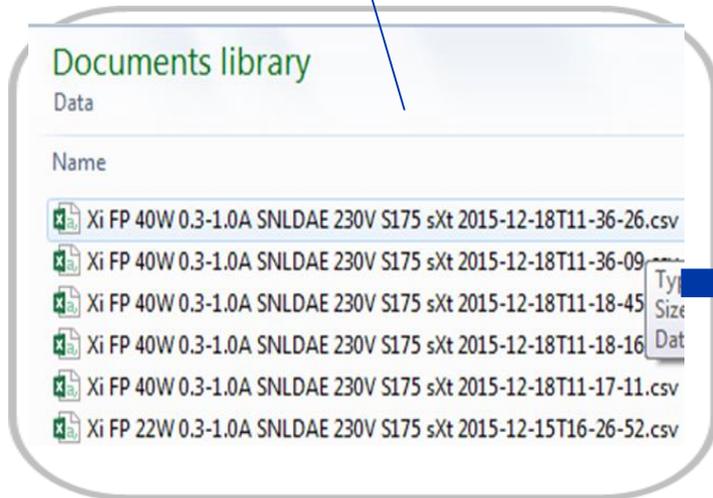
Configurability with MultiOne Configurator

Workflow software settings



Preferences

- For each driver a csv file is created with basic info:
 - date, time of configuration
 - Feature file address, feature file name
 - Unique number of driver, type of driver
 - Custom field info (must be filled in by customer)
 - Number of driver in batch
 - Specific features with the value (see manual)

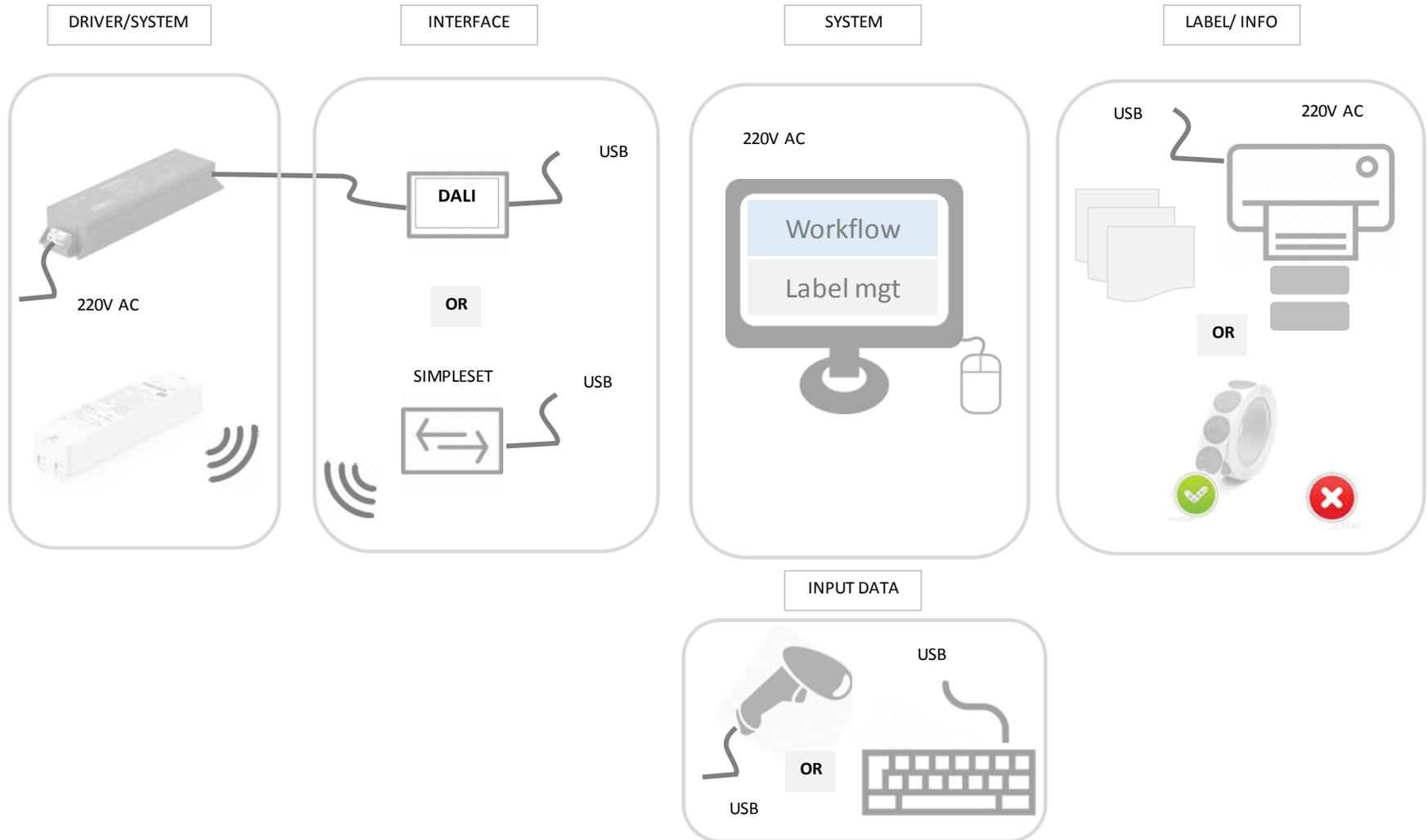


Date	Time	FeatureCc	FeatureCc	Device Id	Configura	Custom Fi	Custom Fi	Batch Nur	Device Mc	Minimum	Dimming	Din
dd-MM-yy	hh:mm									%		
18-12-15	11:36	C:\Users\	40W FP A	E0024CDE	Successfu	Order 123	Customer	2	Xi FP 40W	20	TRUE	

Convert csv file to excel

Configurability with MultiOne Configurator

MultiOne total set up



Configurability with MultiOne Configurator

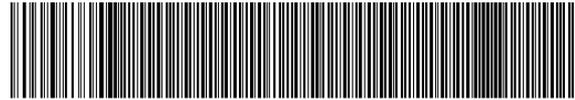
extension to:



USB



The barcode reader must be set to USB keyboard input mode (RS232 is not supported) and to the same keyboard layout as the system it is connected to.



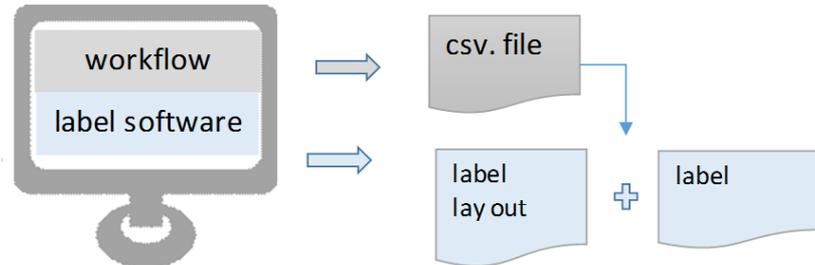
Xtanium 40W 0.1-1.1A 54V 0-10V 120-277V 1.1



USB

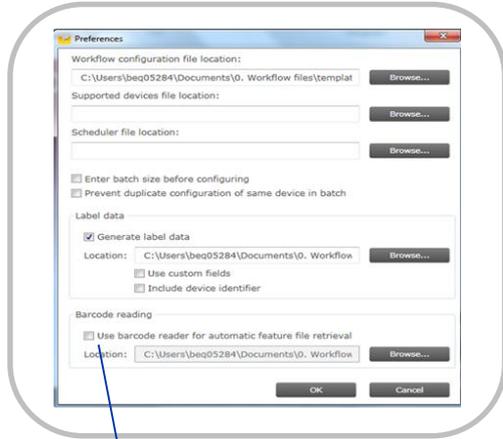


The data in csv format can be used to create a label. Every package of label software that can handle csv files can be used

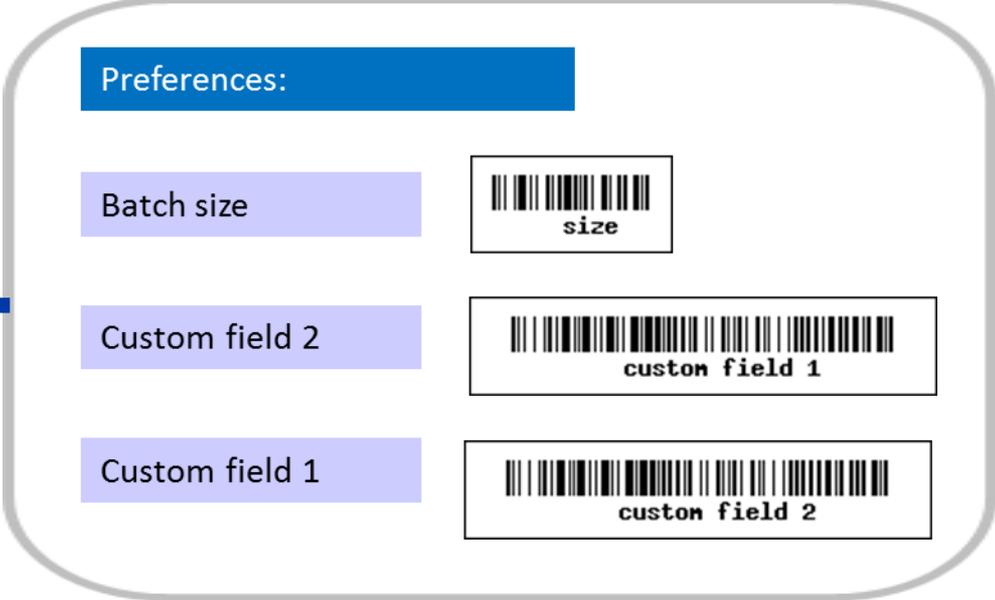
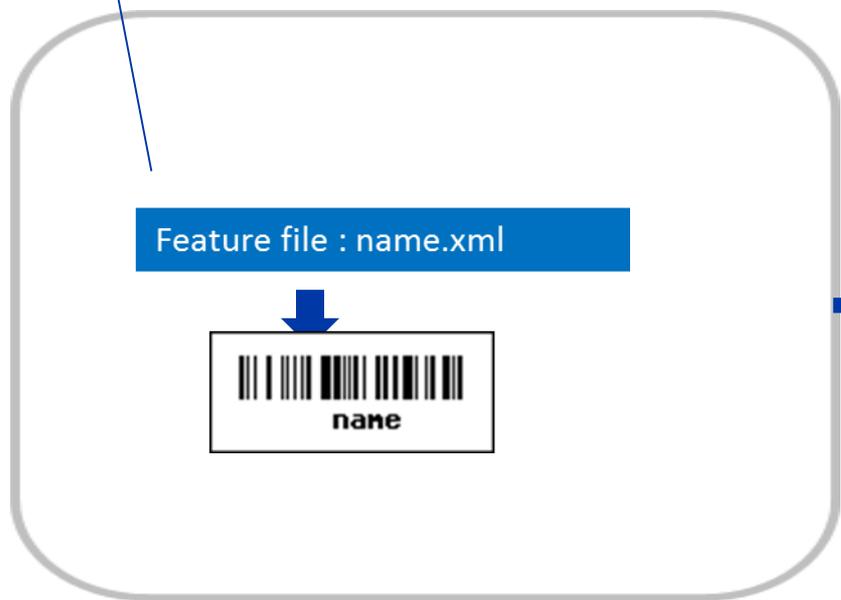


Configurability with MultiOne Configurator

Barcode



Preferences



Configurability with MultiOne Configurator

CommandLine



MultiOne CommandLine

- Special developed for integration in testbenches, robots,...
 - Easy to integrated via commands and exit codes
 - clear error messages
-
- only runs from the Windows command line
 - started using the following syntax
 - `MultiOneWorkflow.exe /f FeatureFile [/w WorkflowFile] [/p Protocol] [/v Verbosity] [/c ContinueOnWarnings] [/l LabelDataLocation] [/id UniqueId]`
 - produces an exit code when terminating (After configuration) – list see manual
 - codes used to integrate into a custom tool chain.