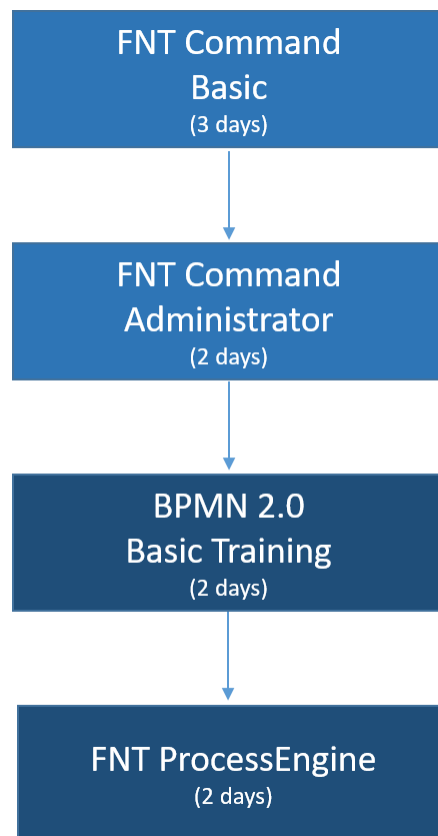


Training Path FNT ProcessEngine



Training Path: FNT ProcessEngine



FNT Command Basic

The handling of the CI library (component library, e.g. distribution cabinets, assembly units, device and cable types, and the management of the real estate constitute the focal area of this course. The course participant learns practice-oriented the form of the physical infrastructure, the cabling of the CIs (components), and the schematic representation of the cable connections. The realistic representation of the components supports the participant and so greatly simplifies the equipping of the switch cabinets. Because all elements in the database can be called as ACTUAL or PLAN instance, individual training exercises further support these procedures. The wide range of report possibilities provide information for an efficient management of the IT components.

Content overview:

- Real estate – structure of a zone structure over the levels Campus, Building, Floor and Room, as well as the Topzones
- CI Library – structure and use of the component library
- Configuring the individual CIs, adding file attachments, forming logical groupings, links to accessories
- Management of switch cabinets with objects from the CI Library
- Assembly unit management
- Object management – search conditions, linked queries, data export
- Cabling
- Creation of logical connections for devices and directors via the Connection Matrix
- Output of assignment lists and signal tracing, graphical representation via the Net Spider program section
- Inventory management with warehouse management and inventORIZATION
- Creation of work instructions (mounting orders, patch and relocation lists) via the Planning program section

Course duration:

- 3 days

FNT Command Administrator

Prerequisite: FNT Command Basic

This course provides an introduction to the master data management of all available CI types, the user and access management, as well as the comprehensive import possibilities for master and configuration data.

You also receive an impression of the database administration in the area of entities, data dictionaries and display attributes.

The lifecycle allows you to define various lifecycles for the simple management of devices and software.

Content overview:

- Access management for users and groups using mandators as well as predefined roles and privileges
- CI master data management (CI Library) for cables/lines, distributors, devices, junction boxes and assembly units
- CI master data import using the component library
- Editing of basic data, technical data, graphics, port data, slot data and replacement types for the CI master data
- Definition of your own database attributes via the Entity Manager Base, including template management
- Import of configuration data via standardized formats with integrated test routines
- Database administration for data dictionaries (selection lists) and display attributes
- Configuration of various lifecycle phases for devices and software

Course duration:

- 2 days

BPMN 2.0 Basic Training

This course aims to provide you the necessary skills to model your business processes with the BPMN 2.0 standard. Starting with an overview about functions, goals and perspectives of Business Process Management (BPM), also a procedure model for implementing BPM will be presented.

After discussing strengths and weaknesses of BPMN 2.0, different modeling levels will be explained. Basic elements of BPMN 2.0 are then presented step-by-step based on practical examples. The correct syntactical and semantical usage of pools, lanes, tasks, events and gateways is being discussed in the group. Finally, you will be conducting practical exercises based on a case study to ensure the correct usage of basic BPMN 2.0 elements.

Furthermore, the handling of extended BPMN 2.0 elements, like sub-processes, attached intermediate events and loops will be presented and trained in practical exercises. The second part of the case study prepares for the following process engine training. The course finishes with a transition to process automation and BPMN 2.0.

Content overview:

- Business Process Management: functions, goals, stakeholders and their model requirements / view on process models, procedure model for implementing BPM, process maps and process hierarchies
- Introduction to BPMN 2.0: Strengths and weaknesses of the modeling notation, levels of modeling (descriptive, analytical, executable)
- Basic elements of BPMN 2.0:
 - Events, gateways, (types of) tasks, pools and lanes, data
 - Understanding the sequence flow through token representation
 - Common error analysis of process models, simple practical exercises
 - Case study part 1: Modeling an introduction process of a new employee (overview)
- Extended elements of BPMN 2.0:
 - Attached intermediate events, sub-processes, call processes, loops, etc.
 - Use cases of the combined usage of attached intermediate events and call subprocesses for example
 - Case study part 2: Modeling the detailed process of "request equipment" based on the first case study (Preparation on process engine training)
- Process automation and BPMN 2.0
 - Transformation of domain-oriented models into executable models
 - Direct execution of BPMN 2.0 models in process engines

Course duration:

- 2 days

FNT ProcessEngine

Prerequisite: FNT Command Basic, FNT Command Administrator,

BPMN 2.0 Basic Training,

basic programming knowledge desirable

In the two-day course, the participant learns about the operating principles of the FNT ProcessEngine in conjunction with Command Business Gateway Entities (BGE). The process modeled in the BPMN 2.0 Basic Training is modeled in the FNT ProcessEngine and automated using Business Gateway tasks.

During the modeling, the participant is familiarized with all basic functions of the process modeling and the BGE integration, and receives appropriate practical examples for the technical implementation. The training contains all examples (including code snippets) required for the training and so permits participation even by users without programming knowledge.

Content overview:

- Administration: Creation and administration of users, user groups, user rights, repositories
- Business Gateway: Functions/definitions of the Business Gateway Entities
- Process creation and representation in the process modeling
- Creation and configuration of user tasks, script tasks, BGE tasks and gateways
- Querying of object information from Command using Java EntityBeans
- Creation of objects and links between objects in Command via the Business Gateway
- Creation of task-specific forms with the Form Modeler
- Administration/deployment/execution of process definitions and process instances

Course duration:

- 2 days

General Terms and Conditions for Trainings Conducted by FNT GmbH

1. Scope of Application of the GTC / Severability Clause / Electronic Commerce

1.1. The following terms and conditions ("GTC") shall apply to all - including future - contracts regarding the participation in trainings conducted online, on-site at the customer's premises, or in-house at FNT (hereinafter referred to as "training/s") initiated and / or concluded between FNT and a company within the meaning of § 14 BGB (German Civil Code) (hereinafter "customer").

The general terms and conditions of the customer are objected to. FNT conducts trainings subject to the validity of the present GTC only.

1.2. Should a provision of the present GTC be or become ineffective or unenforceable, then this shall not affect the validity of the remaining GTC.

§ 312i (1) paragraph 1, 2 and 3 BGB, which impose additional obligations upon FNT regarding contracts in electronic commerce, shall be excluded.

2. Registration and Acknowledgement of Registration

Registrations must be made in text form. The customer shall be bound to this registration for 21 days. FNT shall acknowledge the customer's participation in the training as soon as possible or refuse it if there are no vacancies.

3. Cancellations

3.1. If a training event is conducted exclusively for one customer (on-site at the customer's premises or in-house at FNT), and

- if the training date agreed upon is canceled by the customer up to 28 days before the beginning of the training, then the customer shall pay, against the provision of receipts, only the cost already incurred that cannot be cancelled, for example, for room rental or travel expenses, provided that the customer and FNT agree on a new training date within the next 6 months after the canceled date. If this does not happen,

then FNT shall have the right to withdraw from the training contract and claim as damage a lump sum of 20% of the training fees, including ancillary costs;

- if the training date agreed upon is canceled by the customer up to 27 days or less before the beginning of the training, then the customer shall pay, against the provision of receipts, only the cost already incurred that cannot be cancelled, for example, for room rental or travel expenses, provided that the customer and FNT agree on a new training date within the next 6 months after the canceled date. If this does not happen, then FNT shall have the right to withdraw from the training contract and claim as damage a lump sum of 90% of the training fees, including ancillary costs;

If a training event is conducted for several customers (on-site at the customer's premises or in-house at FNT), then the customer can

- withdraw from the training contract free of charge up to 28 days before the beginning of the training;

- withdraw from the training contract 27 or 14 days before the beginning of the training. However, the customer shall then be obliged to pay 50% of the training fee as lump sum damage compensation to FNT;

- withdraw from the training contract 13 days or less before the beginning of the training. However, the customer shall then be obliged to pay 100% of the training fee as lump sum damage compensation to FNT;

3.2. FNT shall be entitled to cancel a training event in text form until at most 10 calendar days before commencement. FNT shall offer the customer an alternative event. The customer shall not be entitled to any further claims.

4. Prices / Terms of Payment

4.1. The prices of the respective price list valid at the registration date for online, on-site or in-house training shall apply.

Prices for in-house training events at FNT shall include the use of the technical facilities and systems, as well as soft drinks and lunch. Travel, accommodation and other subsistence costs of the participants shall be borne by the customer.

In the case of on-site training events at the customer's premises, the customer shall provide the room facilities and meals for the participants and the trainer at the customer's expense. FNT shall be reimbursed by the customer for the travel expenses incurred for the trainer at cost.

4.2. After commencement of the training, FNT shall issue an invoice which is due immediately without deduction.

5. Training Location

If no on-line or on-site training at the customer's premises has been arranged, then the training event shall take place in the rooms of FNT.

6. Liability

6.1 Liability by FNT for damage caused by simple negligence shall be excluded, unless damage to life, limb or health or the breach of essential contractual obligations is at issue.

6.2 In the event of simple negligence, FNT shall be liable for breach of essential contractual obligations limited to the damage foreseeable at the time of conclusion of the contract, up to a maximum of € 1,000,000.

6.3 Liability under the Product Liability Act shall remain unaffected.

6.4 In all other cases, FNT's liability shall be unlimited unless a maximum liability is stipulated by law.

7. Data Protection

Upon the conclusion of a training contract, FNT shall process the following personal data:

name, address, e-mail address and telephone number of the customer,

name, e-mail address and telephone number of the authorized representing bodies of the customer and the employees sent by the customer for training.

FNT shall process this data to the extent necessary for the implementation of the training contract, including obtaining bank and credit report information for a credit check of the customer, issuing an invoice

and carrying out dunning and collection measures. The data shall be deleted automatically when the tax retention periods applicable to that data have expired.

8. Set-Off, Right of Retention

The customer shall only be entitled to offset or assert a right of retention where a claim is undisputed or has been legally established.

9. Applicable Law, Jurisdiction

The legal relationships between the customer and FNT shall be subject to German Law while excluding the United Nations Convention on Contracts for the International Sale of Goods (CISG).

The exclusive place of jurisdiction for any disputes between the parties arising from or on the occasion of a training event shall be Ellwangen (Jagst), unless a different place of jurisdiction is necessarily prescribed by law.

Imprint



FNT GmbH

Röhlinger Straße 11

D-73479 Ellwangen

Tel.: +49 (0) 7961 / 90 39 - 0

Fax.: +49 (0) 7961 / 90 39 - 439

Internet: www.fntsoftware.com

E-Mail: info@fntsoftware.com

The text and figures in this document were compiled with the greatest care.

However, errors cannot be completely excluded.

The publisher and authors accept neither a legal nor any other liability for incorrect information or its consequences.

The publisher and author would be grateful for any suggestions for improvement and notification of errors.

Trademarks and Copyright Information:

© Copyright FNT GmbH. All rights reserved.

It is prohibited to copy or reproduce any part of this documentation or to translate it into other languages without the prior written consent of FNT GmbH, including the photo-mechanical reproduction and the saving in electronic media. Subject to change without prior notice.

Microsoft® and Windows® are registered trademarks of Microsoft Corporation.

All hardware and software designations used in this document are also registered trademarks and are to be considered as such.

Publisher: FNT GmbH, Ellwangen, Germany

Production: FNT GmbH, Ellwangen, Germany

E-mail address for comments and suggestions: documentation@fntsoftware.com