

INTER-COMPANY TRAINING · COURSE CONTENT

Threads and Parallel tasks

Thematic Training · 1 day (7 h)

You will learn to master Threads and use critical sections, manage Parallel tasks and use HFSQL contexts.

Prerequisites (Who is this training course intended for?)

Target audience: developers wishing to master concurrent processing (threads, critical sections, parallel tasks).

Prerequisite: have already developed applications with WINDEV or have previously attended the Advanced Level 3 training course.

Practical information

Format
Inter-company

PCSoft Level
Level 3

Duration
1 day (7 h)

Price
759 € (excl. tax)

Training Provider Registration Number (NDA)
91340055934

Last updated
September 2026

Detailed Program

The instructor uses the course materials, which are tailored to the training objectives (the materials are provided at the beginning of the course). This course support material is divided into subjects.

All of these methods and exercises will help you put into practice what you have learned, when you return to your company.

Each subject is based on 3 axes:

Axis 1
The trainer gives a theoretical presentation of the topic, followed by any questions and answers.

Axis 2
Practical application exercise (individual work) to be completed within a set time limit. The trainer remains available to help and provide additional explanations.

Axis 3
Correction of the exercise, with all necessary explanations and any questions and answers. The trainer makes sure that each trainee has fully understood the exercise before continuing.

Threads and Parallel tasks — 1 day (7 hours)

OBJECTIVES

- Manage Threads and use critical sections (topic 1)
- Manage Parallel tasks and use HFSQL contexts (topic 2)

CONTENT

Topic 1. Reminder about Threads — 2h

- Using Threads
- Refreshing the interface from a secondary Thread
- Using the Thread*() functions
- Critical section

Topic 2. Parallel tasks — 5h

- Using Parallel tasks with or without HFSQL context management
- Refreshing the interface from a Parallel task
- Pinging machines in parallel
- A dashboard built entirely with parallel tasks
- A Table control with data loaded in the background
- Managing limits (critical sections, pool configuration)

Teaching, technical and supervisory resources

In-person training

During the training, you will be provided with a suitable computer (one per trainee) and a software license.

PCSoft also provides all the supplies:

- a USB flash drive to save your exercises
- a notebook
- a pen
- a PCSoft-branded case to store everything

Not to mention lunch and coffee breaks, which are also included.

Learn more about the in-person format

Online Training

During the training, you will be in constant contact with the trainer via the GoTo Meeting (©) software, which allows you to share your screen and the trainer's screen. You will connect to the workstations using RustDesk (©); the trainer will provide you with the login information on the first day of the training.

You can also interact with the other participants to foster a friendly atmosphere during the training and promote productive technical discussions.

The course materials (PDF format) are sent to you with the joining instructions before the training begins.

Learn more about the online format

Arrangements

Price	The price includes the course materials. The price is guaranteed for the stated period.
Financing	skills development plan, OPCO, direct funding.
Cancellation or postponement	Requests must be made in writing. Free of charge up to 3 weeks before the start of the session. After that, 50% of the price remains due, and 100% within the 7 days before the session. Full terms: Special Terms for Services
Equipment	In-person, each trainee is provided with a workstation tailored to the subject matter of this training.
Schedules	From 9:00 a.m. to 12:30 p.m. and from 1:30 p.m. to 5:00 p.m. (for a total of 7 hours per day).
General conditions	PCSoft's general terms and conditions and specific training terms and conditions apply. General Terms and Conditions Special Terms and Conditions of Service
Rules and Regulations	Please review the rules and regulations for trainees at the PCSoft training center. Rules and Regulations Procedure for the Prevention and Handling of Violence, Harassment, and Discrimination

Methods for monitoring the execution of the training session

At the end of the training course, participants' mastery of the skills is assessed through a multiple-choice test. Non-certification, non-degree program—certificate of completion.

Prices and VAT

It all depends on where you live:

- Mainland France: The training is subject to French VAT (20% as of 01/01/2014).
- Overseas Departments (DOM): The VAT rate (known as "octroi de mer") varies by DOM (Martinique, Guadeloupe, and Réunion: 8.5%; French Guiana: VAT-exempt).
- COM and POM: excluding tax.
- EEC: Invoicing excluding tax (provide the European VAT number).
- Other countries (outside the EEC): excluding tax.

Accessibility

PCSoft is particularly committed to including people with disabilities in its training programs.

Contact the disability liaison officer

Learn more

Access Lead Times

Registration is open until 10 days before the start of the session, subject to availability.

PCSoft is Qualiopi-certified for its training programs; certified process No. 2021/92442.2 (AFNOR Certification).

Learn more