

M-Files API Training 11.–12.2.2010

M-Files API provides an application programming interface for M-Files

The M-Files Application Programming Interface (M-Files API) helps you to make the most of the M-Files EDMS system, enabling you to integrate M-Files into virtually any third-party Windows application.

The training is suitable for anyone who wishes to gain comprehensive knowledge of the possibilities the API provides. The training includes both theoretical material and multiple practical hands-on exercises. Therefore, it is useful for programmers and anyone willing to take full advantage of the different integration possibilities.

In the course of the training, the participants create a Windows application making use of all the main features of the API. The development environment used in the training is Visual Basic Express Edition, and the example code is in the VB.NET programming language.

The sample code provided serves as good material for your own project kick-off.

More information on M-Files API:

M-Files API makes it possible to access M-Files from within scripting environments. For example, you can use it to generate reports on the contents of a document vault or to integrate M-Files into your application.

The object model of M-Files API is easier to understand if you are familiar with the key concepts of M-Files. Please refer to the User's Guide and other software documentation for generic information on M-Files concepts.

M-Files API is an ActiveX/COM DLL and can be used with Visual Basic, VBScript, C++, and all .NET languages such as C#.

The documentation for the M-Files API is installed in the folder Start / Programs / M-Files / Documentation / M-Files API.

For M-Files API samples, visit <http://www.m-files.com/api>.

Date: From Thursday 11th to Friday 12th of February 2010

Place: Tampere, Finland

The training place: Opeko (address: Pyhäjärvenkatu 5 A, 33200 Tampere, FINLAND)

You can find Opeko (the training place), the railway station, the bus station, and our office located to this Google map:

<http://maps.google.com/maps/ms?ie=UTF8&hl=en&msa=0&msid=111256009552071236880.00045c82e6ae0a152d4f0&ll=61.493748,23.763857&spn=0.018823,0.052314&z=15>

Information on Finland:

http://www.visitfinland.com/en_US/web/guest/finland-guide/home

Information on the city of Tampere:

<http://www.tampere.fi/english/tourism>

Price: 1,490 € / person

The price includes two-day M-Files training, the training material, computer lab, and also lunch and snacks during the training. The price does not include VAT.

Do not miss the opportunity to learn more about M-Files API! Apply for the training by January 2010 by sending e-mail to us at m-files@m-files.com.

Training schedule / Day 1

Time	Topic
9:00–10:00am	<p>M-Files API in a nutshell</p> <ul style="list-style-type: none">• Introduction to M-Files API and its usage possibilities• M-Files Server API and M-Files Client API• The most important concepts and classes of the API• Microsoft Visual Basic Express Edition in brief• Exercise: Getting familiar with the development environment
10:00–10:20am	Break
10:20–11:30am	<p>Overview of the training application and logging in to the M-Files document vault via the API</p> <ul style="list-style-type: none">• Login principles• Exercise: Logging in to a document vault
11:30–12:30	Lunch break
12:30–2:00pm	<p>Searching for objects with M-Files API and processing the search results</p> <ul style="list-style-type: none">• The principles of the search operations• How to create searches from M-Files within applications (SearchConditions and ExportedSearchString)• Search result collections (ObjectSearchResults, XMLSearchResult, and ObjectVersion)• Examples of the most typical search conditions• Exercise: The search features of the training application
2:00–2:20pm	Break
2:20–4:00pm	<p>Accessing object metadata with M-Files API</p> <ul style="list-style-type: none">• Object properties (ObjectVersion, PropertyValues, and ObjectFiles)• The search result metadata and additional metadata of the objects• The version history of the objects• Exercise: Viewing metadata of the objects in the training application

Day 2

Time	Topic
9:00–10:00am	Modifying objects with M-Files API <ul style="list-style-type: none">• The principles of editing objects in M-Files• The check-out operation• Modifying metadata• The check-in operation• Exercise: Modifying the metadata of the objects within the training application
10:00–10:20am	Break
10:20–11:30am	Creating new objects with M-Files API <ul style="list-style-type: none">• The principles of creating new objects with M-Files API• Setting object metadata via the API• Viewing the M-Files metadata card for metadata input• Exercise: Creating new objects with the training application
11:30–12:30	Lunch break
12:30–2:00pm	Integrating M-Files Shell into third-party applications <ul style="list-style-type: none">• Using the M-Files Shell component• The benefits of using the M-Files Shell component• Using M-Files Shell to view M-Files view contents• Using M-Files Shell to view search results• Exercise: Integrating the M-Files Shell component into the training application
2:00–2:20pm	Break
2:20–4:00pm	Questions and answers <ul style="list-style-type: none">• Use cases for M-Files API