

# Advanced AJAX Using jQuery

Course code: INTAJAX2

The course is designed for anyone who wants to learn to use AJAX effectively, practically and mainly easily. Its easy use lies in the use of jQuery library whose use will make your AJAX programming very easy. It is important to understand the possibilities which the jQuery library for this purposes offers. We will learn to use AJAX calling, we will familiarize ourselves with JSON format and will learn to use AJAX for form validation. We will also focus on some other aspects, such as security, performance and optimization. Take part in the course of the Advanced AJAX applications with jQuery and get a personal licence of the IntelliJ IDEA free.

## Who is the course for

The course is designed as a hands-on-lab targeted on more complicated AJAX programming, the developers will learn about the jQuery library covered in INTJQUERY course.

## Course outline

JS script management

Synchronous/asynchronous loading

Blocking/nonblocking

Minification and compression

Management of dependencies

JSON format

Quick and flexible communication with a server

Handling of faults in the application

Establishing a connection to the forms

Advanced validation of forms

AJAX sending

AJAX field validation

Multi-uploading of files

JavaScripts security aspects

Modules in JS

Secure parsing

Cross-domain AJAX

AJAX Cross-domain

JSONP

Other topics

Using of jQuery as a framework for programming of events on its own objects (custom events)

Programming of its own modules into jQuery

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# Advanced AJAX Using jQuery

Javascript application performance, optimization, debugging, profiling

History solution (keyboard Back) in AJAX applications

JaveScript news HTML5

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