



# Supercharge Your APEX Front-End Development with the APEX NITRO QUICK START PACKAGE

Oracle Application Express is an extremely powerful development platform out of the box. Yet, despite all its merits, it sometimes leaves developers struggling with front-end development. The APEX NITRO QUICK START PACKAGE will help make your APEX front-end development and deployment to production processes more efficient, while enhancing the overall end-user experience.

APEX NITRO streamlines the use of HTML, JavaScript and CSS when programming within Oracle Application Express. It better structures the front-end development process and provides real-time synchronization of code changes.

## APEX NITRO TRAINING AND COACHING PACKAGE DETAILS

This package is in the form of a 3-day visit from an APEX NITRO expert. It is designed to elevate students' overall front-end development skills through a thoroughly hands-on experience.

The APEX NITRO QUICK START PACKAGE also includes continual guidance on best practices in the CSS and JavaScript programming languages.

Training begins with APEX NITRO Installation, Setup and Browser Synchronisation. This includes installation of Node.js, and overview of commands and

reference materials.

This is followed by connection to an Oracle Application Express application, as well as the configuration and launch of a project.

**Throughout this first segment, several APEX NITRO features are explained and explored in detail:**

- File Concatenation
- File Minification
- Auto Prefixing
- Error Handling
- CSS Preprocessing
- Source Mapping
- Theme Roller Customization
- Publishing a project
- APEX Plugin development

## APEX NITRO QUICK START PACKAGE

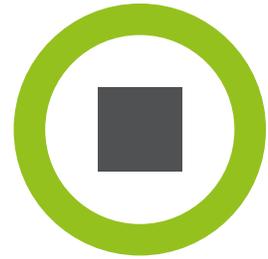
### Packaged Service Description

**Related subjects are also addressed. These include:**

- Overview of browser synchronization
- Understanding client-server communication
- Source Control: working on the front end as a team, outside APEX with your own source-control management system

Time is also devoted to learning how to leverage APEX NITRO to enhance responsive design and cross-platform development.





The training concludes with a supervised project. Using everything learned previously, developers choose one of their APEX applications and improve its front-end experience under the personalised supervision of the APEX NITRO expert.

APEX NITRO was created by Vincent Morneau, of Insum. Vincent is an Oracle Ace who received the 2017 ODTUG innovation award for APEX NITRO's development. APEX NITRO is available on Github.

As leading APEX experts, we share best practices to help you increase productivity and decrease the risk of failure. We also have the bandwidth, knowledge and expertise to be there if you need us, no matter what your APEX project happens to be.

### Oracle Specialists, APEX Experts.

Over the past 15 years, Insum has developed a highly efficient APEX methodology to help businesses get the most out of their investments. From streamlined front-end development to user-friendly data entry forms to mobile applications and powerful dashboarding and drill down reports, we'll help you accelerate towards your business goals.

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