



# Getting started with FedEx® Web Services

Prior to beginning work on a **FedEx Web Services** project, you need to obtain a set of credentials (key, password, account number and meter number), which will allow you to test and release your FedEx Web Services-enabled solution. This is also the first step needed to receive access to FedEx Web Services technical support.

Please note that these instructions are only for corporate developers or contracted consultants developing a solution for a specific client. For developing a product for resale to multiple clients, please refer to <http://www.fedex.com/us/compatible-solutions/provider/> for more information.

There are 2 kinds of credentials:



## Test credentials

These allow you to test any FedEx Web Service in a “sandbox” environment.

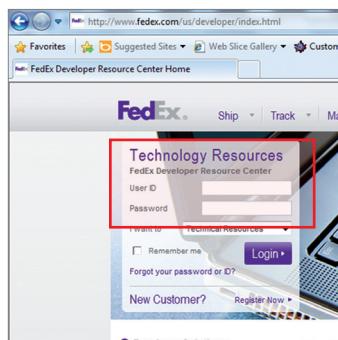


## Production credentials

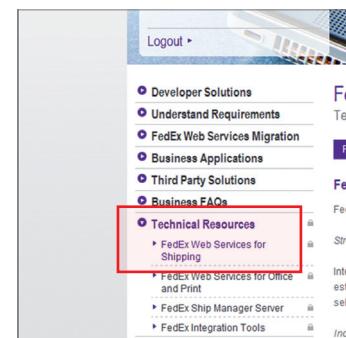
These allow your application to go live. Please note that some services require additional certification.

The procedure to attain either credential is similar. Please follow the steps below:

- 1 Go to the Developer Resource Center at [fedex.ca/developer](http://fedex.ca/developer) and log in using the same login and password you use to access [fedex.ca](http://fedex.ca).

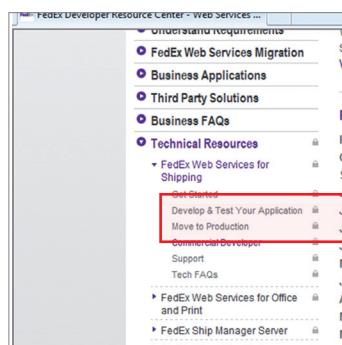


- 2 Once logged in, please click on “Technical Resources” and then select the “FedEx Web Services for Shipping” option on the left-hand column.



Note: If you do not already have a login you can create one by clicking on the “Register Now” link below the Login button. You do not require a FedEx Express® account number to create a fedex.ca user ID.

3 From here you will now have two choices. If you need test credentials, select the **“Develop and Test your Application”** option. If you need production credentials, select the **“Move to Production”** option from the left-hand column.



4 Scroll down to the bottom of the resulting page and click on **“Obtain Developer Test Key”** or **“Obtain Production Key”** (depending on which option above was selected).



5 From here, fill in the required information and follow the steps to confirm your selection.

Developer Resource Center Registration

① Contact Info ② License Agreement ③ Confirmation

Terms & Conditions

I have read, understand and agree to be bound by the following. I also understand how FedEx intends to use my information.

I acknowledge that I am not a CSP and I will not distribute software with FedEx functionality without complying with the terms of the FedEx Compatible Solutions Program.

DEVELOPER RESOURCE CENTER  
LICENSE AGREEMENT  
Version 4.0 - April 2010

BELOW ARE THE TERMS AND CONDITIONS GOVERNING THE USE OF THE TECHNICAL RESOURCES PROVIDED BY FEDEX THROUGH ITS DEVELOPER RESOURCE CENTER, TO SECURE ACCESS TO THE TESTING, DEVELOPMENT, PRODUCTION AND OTHER FEATURES OF THE FEDEX DEVELOPER RESOURCE CENTER, EACH USER MUST AGREE TO BE BOUND BY THESE TERMS AND CONDITIONS. PLEASE READ THIS AGREEMENT CAREFULLY.

THE CONSENT TO BE BOUND BY THE TERMS AND CONDITIONS OF THIS AGREEMENT (AND ANY MODIFICATION TO THIS AGREEMENT IN ACCORDANCE WITH SECTION 1) IS ACKNOWLEDGED BY CLICKING THE "ACCEPT" BUTTON SET FORTH BELOW. IF YOU ARE ENTERING INTO THIS AGREEMENT ON BEHALF OF A COMPANY OR OTHER LEGAL ENTITY, AND THE AUTHORITY TO

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I Do Not Accept

6 Once successfully complete, the last page will contain your key along with a number of other pieces of information. **Please record your key for future reference.**

FedEx Test System Access Confirmation

① Contact Info ② License Authorization ③ Confirmation

Our records indicate that you have been previously granted access to FedEx Web Services Test environment. The following identification codes have been assigned to you for that purpose.

There are two parts to the FedEx Authentication process. There is a security code and a test key.

Your Test Security Code has been updated and your previous Test Security Code has been revoked.

Please retain the following information in a secured environment. You will need this information to run your Web Services in the FedEx Test environment.

A confirmation email will be sent to you with your Test Security Code and directions for testing your FedEx Web Services application in the FedEx Test environment.

Required for All Web Services

Developer Test Key:

Required for FedEx Web Services for Shipping

Test Account Number:   
Test Meter Number:

7 The remaining information will be sent to you via the email address you provided in the registration form. **You will need all four pieces of information (Key, Password, Account Number and Meter Number) in order to work with any FedEx Web Services.**

8 Insert these credentials into your code to have your application connect with FedEx Web Services.

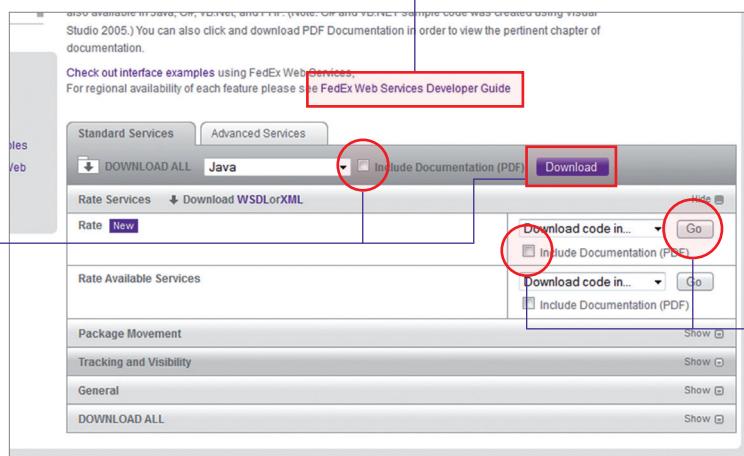
For support on using FedEx Web Services or questions regarding certification, please contact Technical Support at **1.877.339.2774**, select a language option and then press “3” or say “Web Services”. Technical support is available 8 a.m.–11 p.m. Eastern time Monday to Friday and 8 a.m.–4 p.m. Eastern time Saturday.

## Technical Resources for FedEx Web Services

- **Documentation.** Access up-to-date documentation on FedEx Web Services through an online, searchable library.
- **Downloads and release notes.** Download WSDL files and sample code in four different languages: Java, C#, PHP, and VB.Net.
- **Certification.** Learn about the certification requirements for integrating with FedEx®, as well as the differences between corporate and commercial developers.
- **Technical frequently asked questions.** Find answers to the most common issues faced by developers today.
- **Information for commercial developers.** Learn about the FedEx® Compatible Solutions Program.
- **Email notifications.** Receive emails with important FedEx Web Services information to keep you up-to-date.

To access the on-line version of the developer guide, click on this link.

To acquire the complete developer guide (which covers all the WSDLs), place a checkmark in the **“Include Documentation (PDF)”** in the **“DOWNLOAD ALL”** section and then click on **“Download”**.



## Frequently Asked Questions

### What is the difference between test and production credentials? Why can't I just use Production credentials?

For standard services (rate, track, locator, etc.) you could go straight to production, no certification required. For standard services, both test and production credentials will usually give you the same results. The big difference is that with the test credentials you are working in the test environment which may or may not have up-to-date data.

For the advanced services including shipping, the reason you would first want to get test credentials is so that you can build your app and create labels without creating an actual shipment. Once you are confident the app works properly the app can then get directed to production once it is certified by FedEx. After certification, this is when you would need the production credentials and a FedEx Express account number.

### I'm a developer writing code for a company but I do not have a FedEx Express account. Can I still develop my application?

Yes. Access to the Developer Resource Centre is available to anyone that registers on the website. You do not need a FedEx Express account number to create a fedex.ca User ID or to develop applications in the test environment. A valid account number will be needed once the application moves to production.

### Where is the sample code and documentation?

Sample code and documentation is located from the link labeled “Get started” which is located directly above the links for acquiring the credentials as listed in Step #3.

To acquire specific information about a WSDL (including the XML schema which explains every value contained within), place a checkmark in the **“Include Documentation (PDF)”** in the applicable section and then click on **“Go”**.

You do not need to choose a programming language here if you simply want the documentation.