

FEDERAL AVIATION ADMINISTRATION PUBLISHING MODULE (PM) DEVELOPMENT INSTRUCTIONS

Version 1.0



Office of the Assistant Administrator for Information Services
and Chief Information Officer

PUBLISHING MODULE (PM) - DEVELOPMENT INSTRUCTIONS
Version 1.0

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INTRODUCTION

The AIO-300 Web Operations Team has developed a new program component for developers.faa.gov, called the Publishing Module (PM). This web application will allow a registered developer that has been granted "Publishing" rights, to manage web content files on the www.faa.gov production servers.

- Developers, known as Publishers, will be able to perform the following without submitting Help Desk tickets:
- Post files from the wwwtest server directly to their web site directories on the production server;
- Copy files from the production servers back to the test server;
- Manage directories and;
- Rename and delete files on the production servers.

1.0 SYSTEM REQUIREMENTS

The PM is best viewed in Internet Explorer with a minimum of 800x600 resolution. When logging in you will have two options for viewing the PM (800x600 or 1024x768 resolution). The PM is powered by an FXP applet/servlet, which requires your browser to have Java enabled. The next section details requirements for Mac OS, Windows, Linux, and Solaris platforms.

1.1 Supported client platform/browser combination

1.1.1 Mac OS

- **OS X users** will require version 10.1 or higher. There is no need to install any additional software. Classic Mac users need to have the MRJ (Macintosh Runtime for Java) installed. They can download it from <http://developer.apple.com/java/classic.html>
- **Internet Explorer users:** will have to use Internet Explorer 4.0 or higher to run the PM. We recommend [IE 5.0](#) or later. (MRJ) in IE preferences will also have to be enabled.
- **Netscape Users:** in Netscape 4.76 or earlier, you will need the MRJ Plugin for Netscape. Visit <http://www.mozilla.org/oji/MRJPlugin.html> to learn how to download, install and configure the MRJ Plugin for Netscape. No additional software is necessary for Netscape 6.0 or higher
- **MacBinary Support** UFTPS can automatically convert all Mac files into a MacBinary format. MacBinary format is Internet friendly and allows all Mac files to be transferred to other platforms without any problems. This feature would not be possible without the source code written by Gregory Guerin. The source code for MacBinary can be found at <http://www.amug.org/~glguerin/sw/index.html> - [macbinary](#).

1.1.2 Windows

- **95/NT** users may require a Java Update see <http://java.sun.com/getjava/>
- **98/ME/2000/XP** should work without any additional software.
- **Internet Explorer users:** will have to use Internet Explorer 4.0 or higher to run the PM. We recommend 5.0 or later.
- **Netscape Users:** will have to use Netscape 4.5 or higher to run the PM. We recommend 7.01 or later.
- **Opera Users:** will have to use Opera 6.0 or higher to run the PM. We recommend 7.01 or later.
- **Mozilla Users:** will have to use Mozilla 1.0.X or higher. We recommend 1.2.1 or later.

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1.1.3 Linux

- **Netscape Users:** will have to use Netscape 4.5 or higher to run the PM. We recommend 7.01 or later.
- **Opera Users:** will have to use Opera 6.0 or higher to run the PM. We recommend 7.01 or later.
- **Mozilla Users:** will have to use Mozilla 1.0.X or higher. We recommend 1.2.1 or later.

1.1.4 Solaris / Sun OS

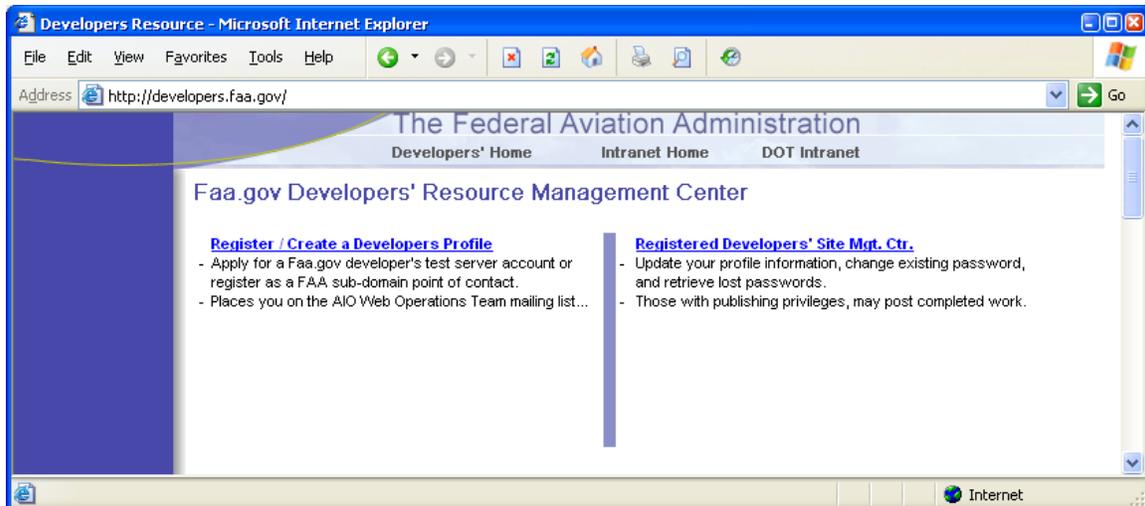
- **Internet Explorer users:** will have to use Internet Explorer 4.0 or higher to run the PM. We recommend 5.0 or later.
- **Netscape Users:** will have to use Netscape 4.5 or higher to run the PM. We recommend 7.01 or later.
- **Opera Users:** will have to use Opera 6.0 or higher to run the PM. We recommend 7.01 or later.
- **Mozilla Users:** will have to use Mozilla 1.0.X or higher. We recommend 1.2.1 or later.

If assistance is needed in accessing/using the PM, please submit a ticket via the ITSC Help Desk at 9-AWA-ITSC@faa.gov.

2.0 STEP-BY-STEP INSTRUCTIONS

2.1 Logging In

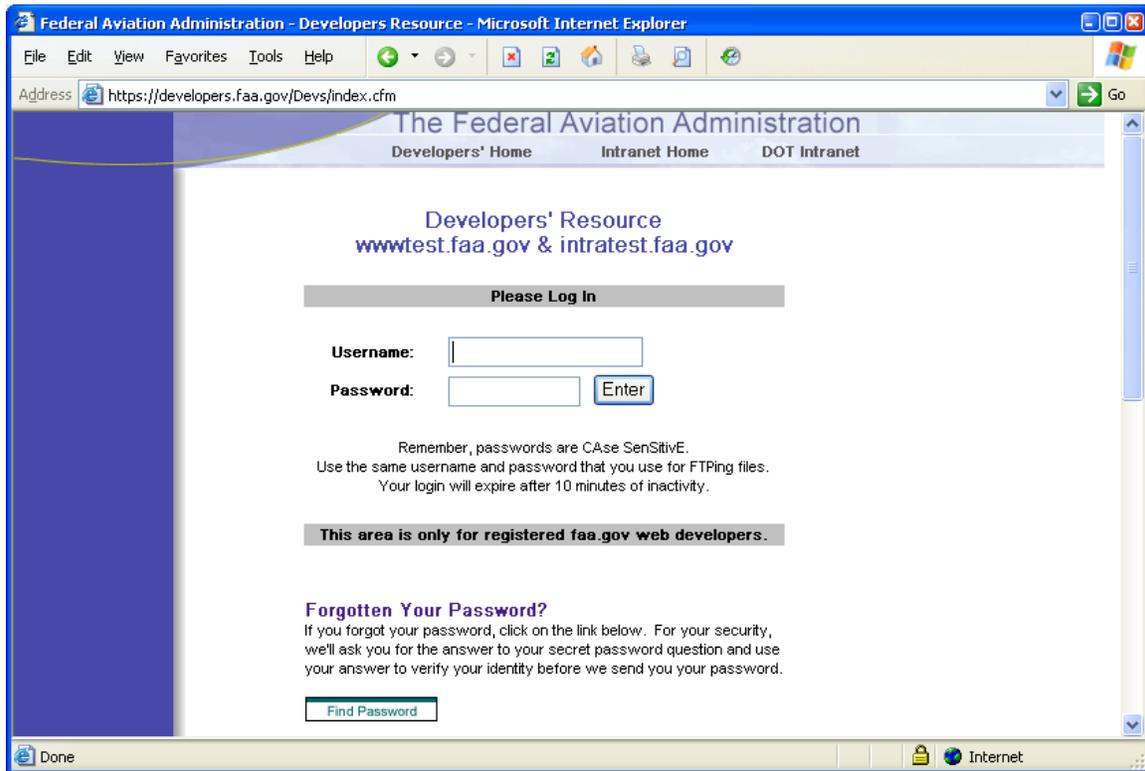
- 3.1.1 Browse to the FAA Developers' Resource Center at <http://developers.faa.gov>.
- 3.1.2 Select the "Registered Developers' Site Mgt. Ctr." link.



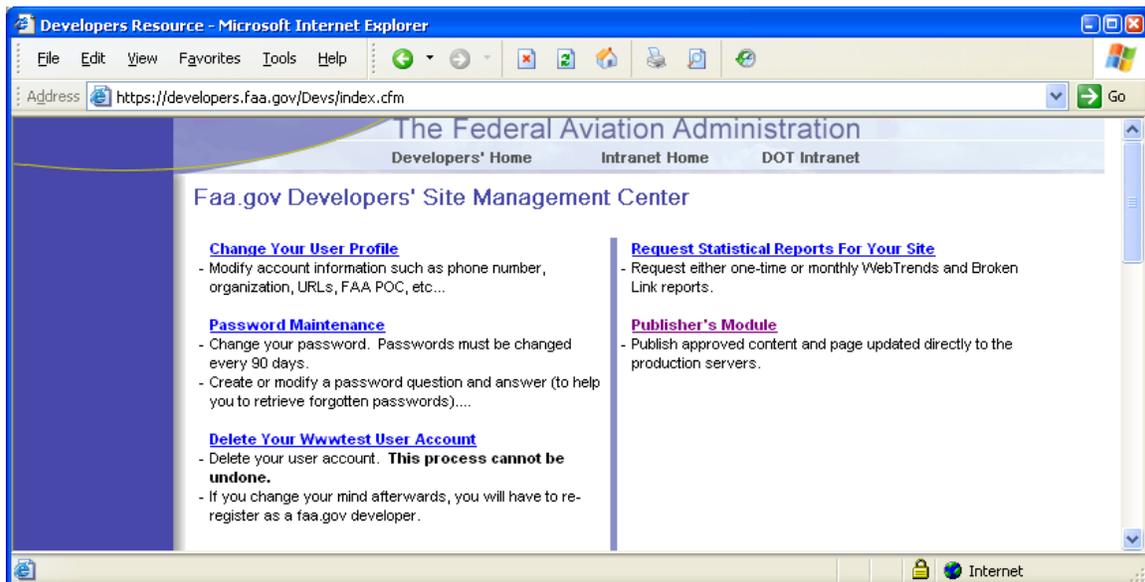
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3.1.3 Login by entering your username and password.



3.1.4 Select the "Publisher's Module" link on the Developers' Site Management Center.

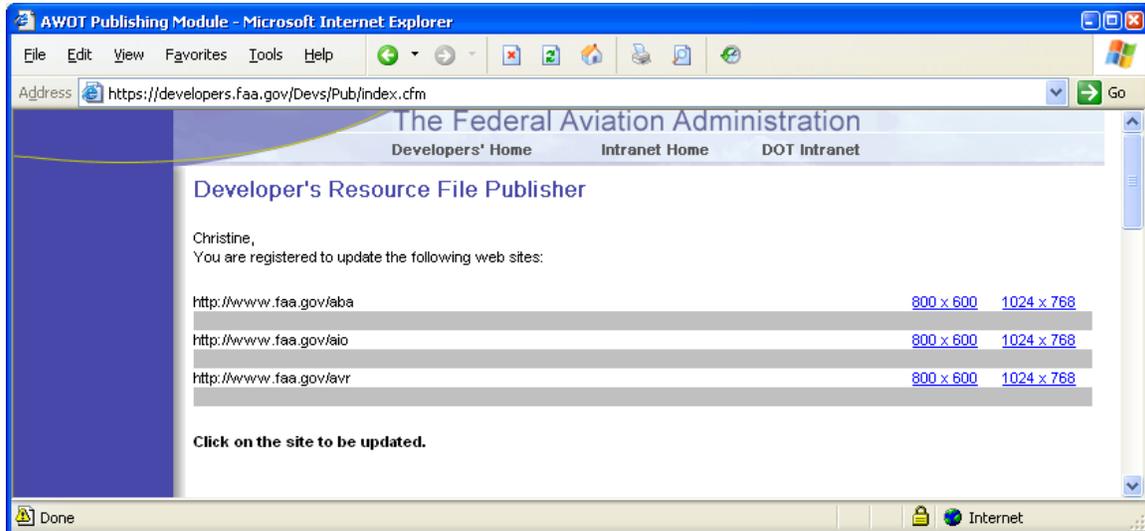


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3.1.5 There will be a listing of all sites that are registered under your login.

3.1.6 Select the site you wish to update by clicking either the 800x600 resolution or 1024x768 resolution links.



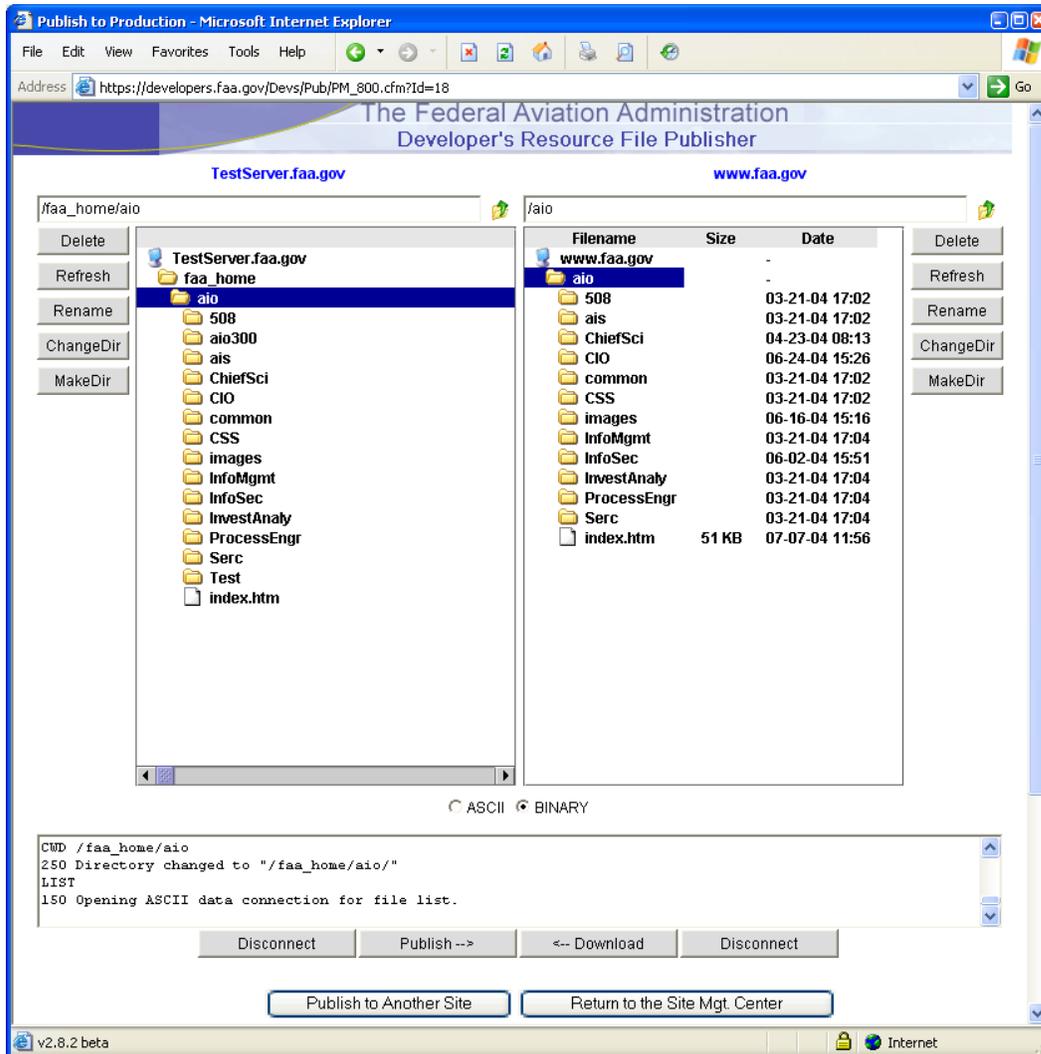
3.1.7 Once the applet begins to load, two security warning windows will appear for acceptance. Select "Yes" to proceed (you may also select "Always" to prevent these warnings from appearing in the future).



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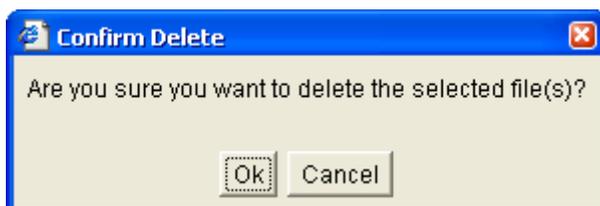
3.1.8 The PM will appear in the next window, listing the contents of the selected directory on both the test (left-hand side) and production (right-hand side) servers.



3.2 FEATURES

3.2.1 The PM works similarly to any FTP client such as WS_FTP Pro. Its features are as follows:

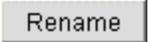
3.2.2 **Delete** button: This will delete any selected file. A window will appear asking for confirmation.

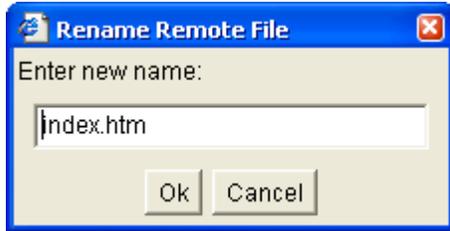


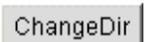
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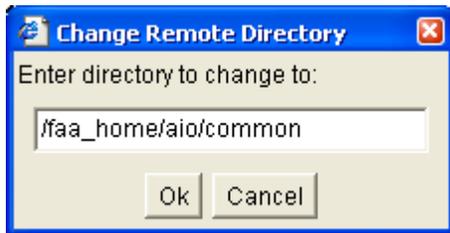
3.2.3  button: Reloads the server window.

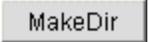
3.2.4  button: Renames selected file/directory.



3.2.5  button: Allows you to change directories without having to drill up or down.

For example if you are in the aio/images directory and wish to change to the aio/common directory, click the "ChangeDir" button and type the path of the destination directory.

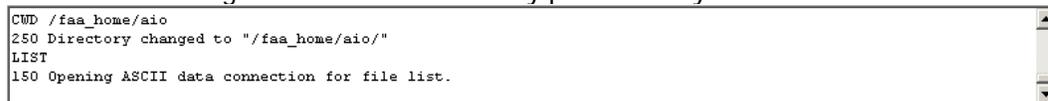


3.2.6  button: Allows you to create new directories.



3.2.7  icon: Allows you to browse up one directory level at a time.

3.2.8 The log window shows all activity performed by the PM.



3.2.9  button: Ends your session on either the test or production server.

3.2.10  button: Uploads files from the test server to the production server.

3.2.11  button: Downloads files from production server to the test server.

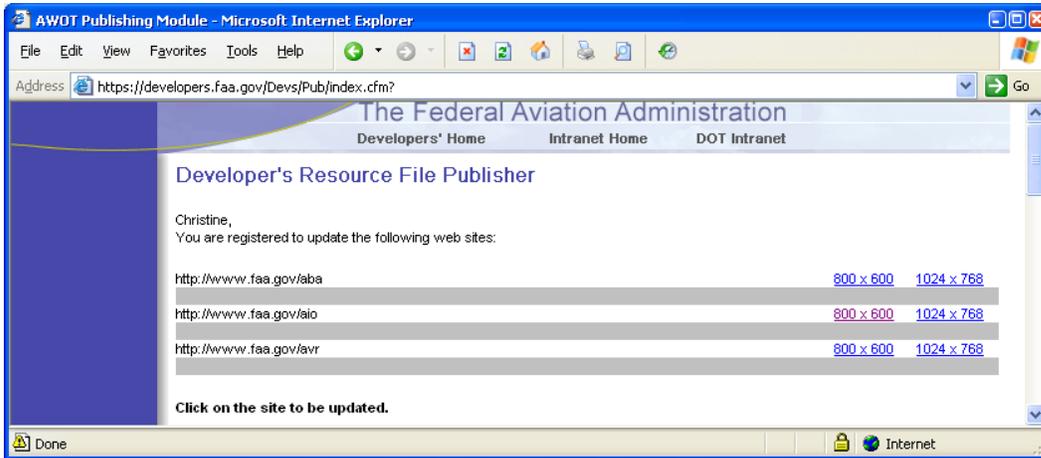
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3.2.12
listing.



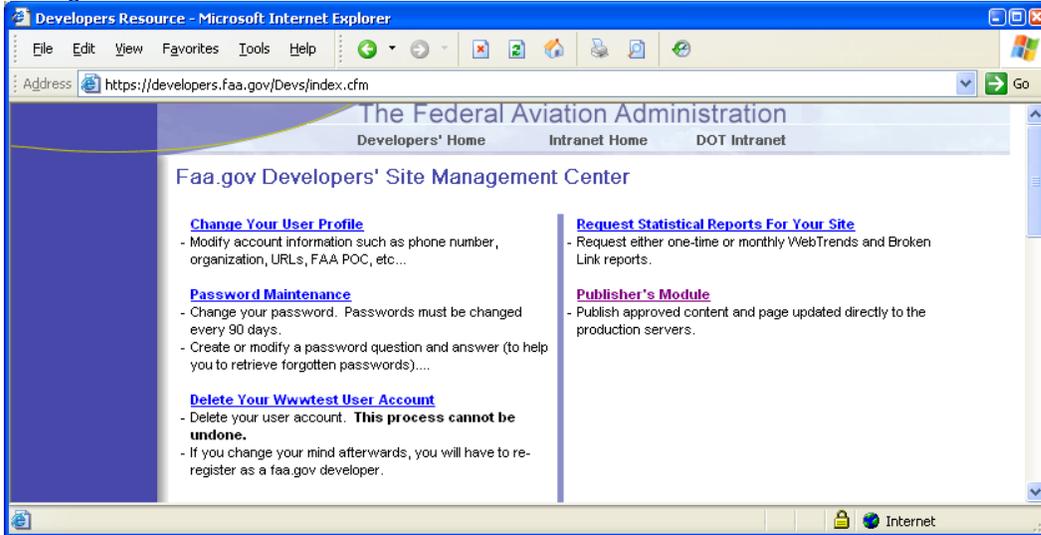
button: Closes your current session and returns to your site listing.



3.2.13
Management Center.



button: Returns to the FAA.gov Developers' Site Management Center.



3.2.14 You can sort the file listing of either the test or production windows in ascending or descending order by clicking the Filename, Size, or Date header.

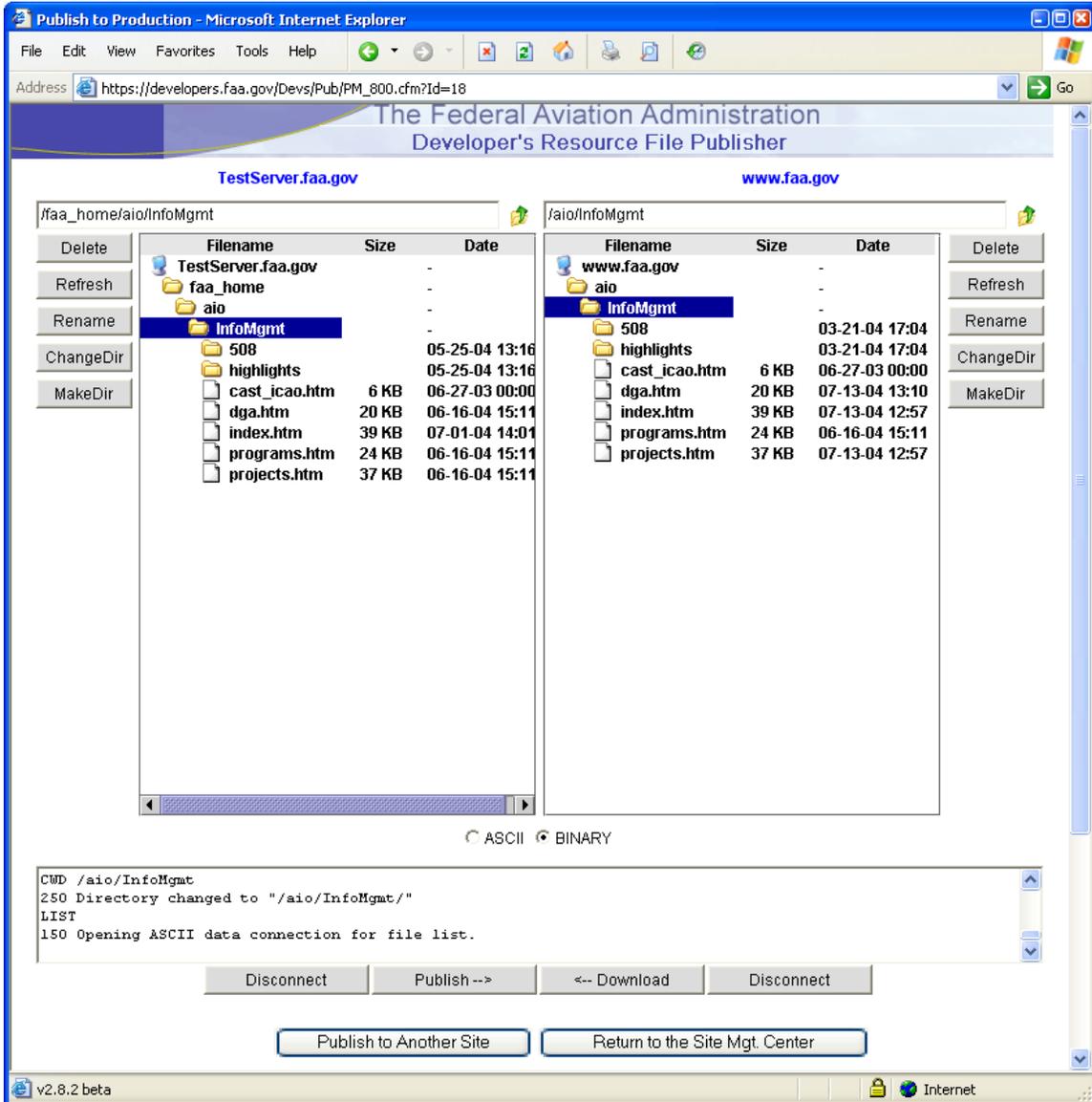
Filename	Size	Date
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3.3 Publishing

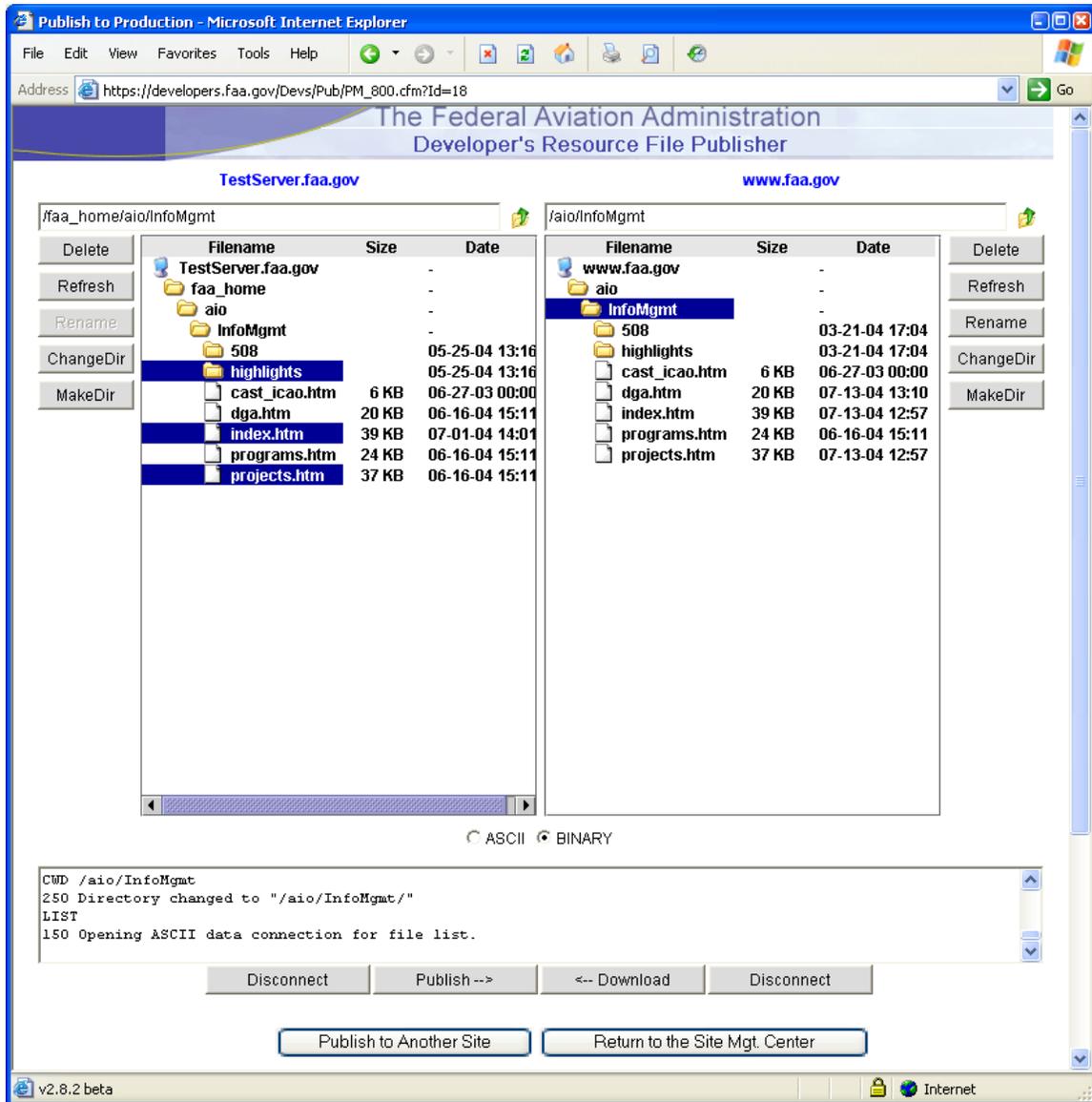
3.3.1 Once you have selected the desired site to publish, you can transfer files/directories by browsing to the desired file/directory on the test server and then browsing to the corresponding directory on the production server.



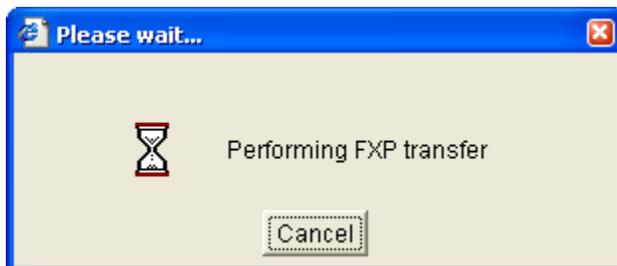
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3.3.2 Select the files/directories for publishing to production. (To select multiple directories, hold the CTRL key while selecting multiple files/directories).



3.3.3 Click the "Publish →" button to upload the selected files to production. You will see a status window while the transfer is taking place.



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3.3.4 In the log window you should see a message indicating that the transfer was complete.

```
remote file is /aio/InfoMgmt/dga.htm
200 FXP Transfer complete.
LIST
150 Opening ASCII data connection for file list.
```

3.3.5 When you have completed your file transfers for the selected site, disconnect from both servers by clicking both "Disconnect" buttons. You then have the option to publish to another site, return to the Site Management Center, or close the browser window.

