

iTunes Connect Transporter Quick Start Guide v2



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Revision History

February 5, 2013— v2 Edited for style and consistency.

October 23, 2012— v1 Version created.

Introduction

This guide can help you install and use Transporter, Apple's command-line tool used for sending App Store packages (.itmstp) to the App Store. App Store packages can contain In-App Purchases and Game Center metadata.

For more information on App Store packages, see the App Metadata Specification available from the [Manage Your Applications](#) module on iTunes Connect.

System Requirements

Transporter requires a Mac with a 64-bit processor, OS X v10.6 or later, at least 1GB of RAM, and 100 MB of available disk space.

Installing Transporter

If you are using Xcode or Application Loader, you already have Transporter installed. You can find Transporter in the following location:

Xcode:

/Applications/Xcode.app/Contents/Applications/Application Loader.app/Contents/MacOS/itms/bin

Application Loader:

/Developer/Applications/Utilities/Application Loader.app/Contents/MacOS/itms/bin

If you do not have Transporter installed, [download Transporter](#) and follow the installation instructions.

After installing Transporter successfully, you can find the app in /usr/local/itms/bin directory.

You can also add a TRANSPORTER_HOME environment variable to easily navigate to the folder. To do so, add the following to your .bash_profile:

```
export TRANSPORTER_HOME=[file path to Transporter]
```

For example, if you have Xcode installed, add the following to the .bash_profile:

```
export TRANSPORTER_HOME=`xcode-select --print-path`/../Applications/Application\ Loader.app/Contents/MacOS/itms/bin
```

Using Transporter

To start Transporter, use the `iTMSTransporter` command in the Terminal app. You must use the `iTMSTransporter` command in the directory where Transporter is installed. To use Transporter, you must have an iTunes Connect account with the Admin or Technical role.

Using Lookup Mode

You can use lookup mode to retrieve your app's current metadata. Lookup mode will create an App Store package at the set destination. The package name will be the app's SKU with the `.itmosp` extension. For example, if your app's SKU is "myapp1" on iTunes Connect, your filename would be `myapp1.itmsp`. The `metadata.xml` file within the App Store package contains the app's metadata.

To initiate lookup mode, use the following command:

```
$ iTMSTransporter -m lookupMetadata -u [iTunes Connect user  
name] -p [iTunes Connect password] -vendor_id [App SKU] -  
destination [destination path for App Store Package]
```

To restrict lookup to a certain type of metadata, include:

```
-subitemtype [InAppPurchase | GameCenterLeaderboard |  
GameCenterAchievement]
```

To restrict lookup to certain items, use `-subitemids [items]`. The `items` value is a comma-separated list of up to 1000 In-App Purchase product IDs, Game Center leaderboard IDs, or Game Center achievement IDs. If you use the `-subitemids` option, you must also specify the `-subitemtype` option.

The `-subitemtype` and `-subitemids` options are required if your app has more than 1000 In-App Purchases.

For example, you can look up metadata for:

- All In-App Purchases, using `-subitemtype InAppPurchase`
- Two specific In-App Purchases, using `-subitemtype InAppPurchase -subitemids com.mycompany.IAP01, com.mycompany.IAP02`
- Two specific Game Center Leaderboards, using `-subitemtype GameCenterLeaderboard -subitemids com.mycompany.Leadersboard01, com.mycompany.Leadersboard02`

To log the output in a log file, include the optional `-o [output file]` command.

Using Verify Mode

Verify mode validates your App Store package, including metadata and assets, before delivering it to the App Store. In verify mode, no changes will be made to your app's live metadata.

To initiate verify mode, use the following command:

```
$ itMSTransporter -m verify -f [path to App Store Package] -u  
[iTunes Connect user name] -p [iTunes Connect password]
```

To log the output in a log file, include the optional `-o [output file]` command.

Using Upload Mode

Upload mode submits your App Store package to the App Store. Before submitting, ensure that the package includes all assets.

To initiate upload mode, use the following command:

```
$ itMSTransporter -m upload -f [path to App Store Package] -u  
[iTunes Connect user name] -p [iTunes Connect password]
```

To log the output in a log file, include the optional `-o [output file]` command.

Appendix

The table below includes all the details for the different Transporter servers. If you are using a firewall, you may need to configure it.

Server	IP Address	TCP Port	UDP Port	Notes
itmsdav.apple.com	17.152.19.125	443	n/a	DAV only
contentdelivery.itunes.apple.com	17.152.19.127	443	n/a	HTTPS
vgr101.apple.com	17.152.249.51	33001	33001-33500	Aspera only
vgr102.apple.com	17.152.249.52	33001	33001-33500	Aspera only
vgr103.apple.com	17.152.249.53	33001	33001-33500	Aspera only
vgr104.apple.com	17.152.249.54	33001	33001-33500	Aspera only
vgr105.apple.com	17.152.249.55	33001	33001-33500	Aspera only
vgr106.apple.com	17.152.249.56	33001	33001-33500	Aspera only
vgr107.apple.com	17.152.249.57	33001	33001-33500	Aspera only
vgr108.apple.com	17.152.249.58	33001	33001-33500	Aspera only
vgr301.apple.com	17.172.190.141	33001	33001-33500	Aspera only
vgr302.apple.com	17.172.190.142	33001	33001-33500	Aspera only
vgr303.apple.com	17.172.190.143	33001	33001-33500	Aspera only
vgr304.apple.com	17.172.190.144	33001	33001-33500	Aspera only
vgr305.apple.com	17.172.190.145	33001	33001-33500	Aspera only
vgr306.apple.com	17.172.190.146	33001	33001-33500	Aspera only
vgr307.apple.com	17.172.190.147	33001	33001-33500	Aspera only
vgr308.apple.com	17.172.190.148	33001	33001-33500	Aspera only
sgr201.apple.com	17.152.249.101	44001	44001-44500	Signiant only
sgr202.apple.com	17.152.249.102	44001	44001-44500	Signiant only
sgr203.apple.com	17.152.249.103	44001	44001-44500	Signiant only
sgr204.apple.com	17.152.249.104	44001	44001-44500	Signiant only
sgr205.apple.com	17.152.249.105	44001	44001-44500	Signiant only
sgr206.apple.com	17.152.249.106	44001	44001-44500	Signiant only

Server	IP Address	TCP Port	UDP Port	Notes
sgr207.apple.com	17.152.249.107	44001	44001-44500	Signiant only
sgr208.apple.com	17.152.249.108	44001	44001-44500	Signiant only
sgr401.apple.com	17.172.190.101	44001	44001-44500	Signiant only
sgr402.apple.com	17.172.190.102	44001	44001-44500	Signiant only
sgr403.apple.com	17.172.190.103	44001	44001-44500	Signiant only
sgr404.apple.com	17.172.190.104	44001	44001-44500	Signiant only
sgr405.apple.com	17.172.190.105	44001	44001-44500	Signiant only
sgr406.apple.com	17.172.190.106	44001	44001-44500	Signiant only
sgr407.apple.com	17.172.190.107	44001	44001-44500	Signiant only
sgr408.apple.com	17.172.190.108	44001	44001-44500	Signiant only