

IPA Uploader

Uploads your apps to TestFlight & App Store

IPA Uploader

- Written in Swift and requires macOS + Xcode.
- Intended to perform the task of uploading quickly, simply & easily as part of the CI process.
- Uploads iOS apps to TestFlight & App Store.
- Outputs to console & Slack.

Uploading

- Invokes a tool called iTMSTransporter which is an Application Loader component.
- Application Loader is an Xcode developer tool therefore Xcode must be installed to use IPA Uploader.
- Uses iTMSTransporter default install path with ability to override using `--itms-transporter-path`

```
itmsTransporter -m upload -assetFile <Path to IPA> -u <Apple ID> -p <Password>
```

Slack

- Configure an incoming web hook
- Generates a unique URL allowing you to POST a JSON payload containing your message.
- Pass the webhook URL to IPA Uploader using the optional `--slack-url` parameter.
- Once specified all output will be sent to both the console and Slack.

Usage

IPA Uploader v1.0

Usage:

--ipa-path: The path to the IPA to be uploaded.

--itms-transporter-path: [Optional] The path to ITMSTransporter for uploading.

--username: The username of the Apple ID to upload the IPA as.

--password: The password of the Apple ID to upload the IPA as.

--slack-url: [Optional] The hook URL for posting to Slack.

Passwords

- Password supplied to the `--password` argument is not the password for your Apple ID.
- You need to generate an **app-specific password**.
- An app-specific password is one which is generated and given to a third-party app to allow access to your iCloud account e.g. mail without compromising your account credentials.
- Login at <https://appleid.apple.com> and scroll to the Security section. Under App-Specific Passwords, follow the Generate Password... link.

Shortcuts

IPA Uploader v1.0

Usage:

--ipa-path: -i, -ipa

--itms-transporter-path: [Optional] -t, -transporter, -itms

--username: -u, -user

--password: -p, -pass

--slack-url: [Optional] -s, -slack

IPA Uploader

<https://github.com/rwbutler/IPAUploader>

- Build from the Xcode project.
- Download the binary from the repository.

Building

- Download & install Xcode.
- Open the Xcode project (.xcodeproj).
- Select the **Release** scheme to compile with optimizations.
- Product -> Archive to build.

References

- Apple - Transporter User Guide

<https://help.apple.com/itc/transporteruserguide/#/>

- Apple - Using app-specific passwords

<https://support.apple.com/en-gb/HT204397>

- Slack - Incoming Webhooks

<https://api.slack.com/incoming-webhooks>