

# InstaDMG

Josh Wisenbaker



AFP548  
.COM

## **Table of Contents**

<b>Introduction</b>	<b>3</b>
<b>InstaDMG Structure</b>	<b>3</b>
<b>InstaDMG Setup</b>	<b>4</b>
<b>InstaDMG Use</b>	<b>4</b>

## Introduction

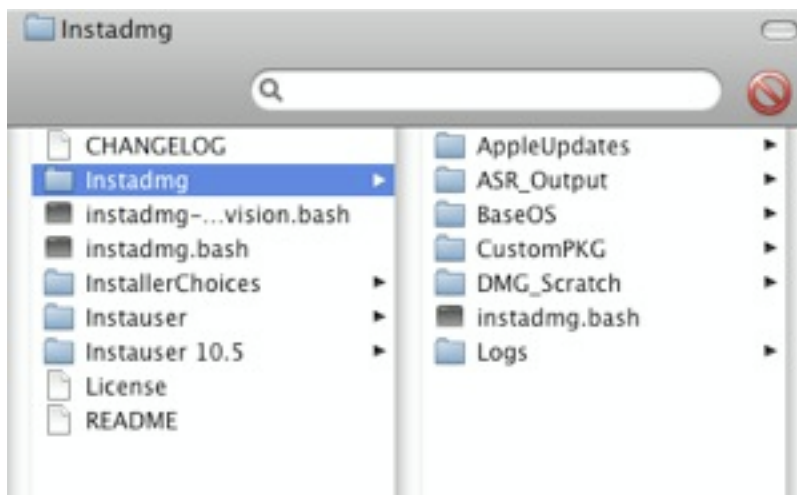
InstaDMG represents a deployment image methodology that allows for the creation of ASR images that have never been booted. This is accomplished via the use of disk images and Apple Installer packages.

However the purpose of this document is not to pontificate on the advantages of InstaDMG. If you have downloaded this package then you have probably already read the [Image Creation Revolution](#) article on AFP548.com. If you have not then you should go read it now.

This document is a step by step on basic InstaDMG usage.

## InstaDMG Structure

Using the instadmg script is very simple. The basic folder structure looks like this.



**Instadmg:** This is the root folder. instadmg is designed to be fully self-contained. This allows it to live on an external disk that you can plug into any Mac.

**AppleUpdates:** This is where you place Apple released updates.

**ASR\_Output:** This is where the final ASR image will be created.

**BaseOS:** This folder holds a disk image of your installer DVD.

**CustomPKG:** This is where you place all of the installer packages for your organization.

**DMG\_Scratch:** Used for temporary space when working with images.

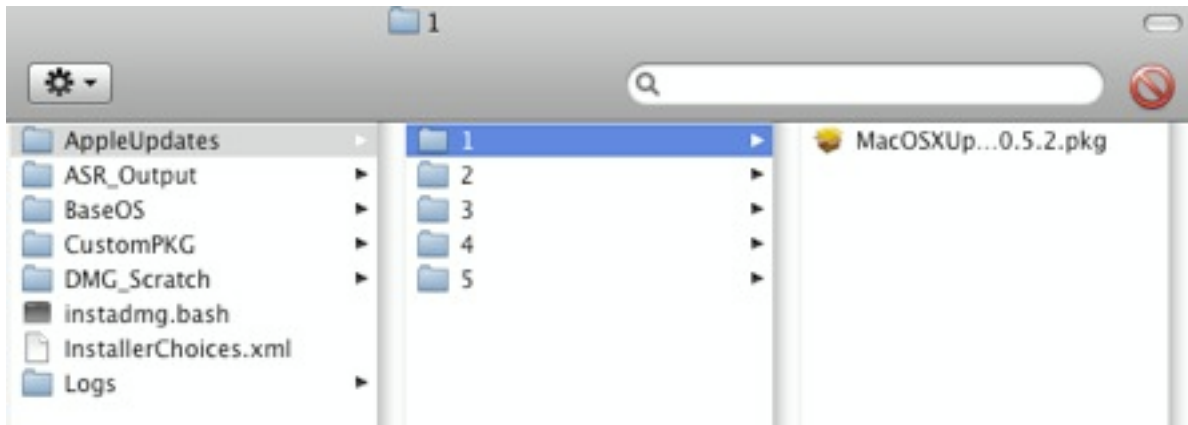
**instadmg.bash:** This is the core InstaDMG script.

**Logs:** Build logs are placed here.

## InstaDMG Setup

To begin using instadmg you simply need to put files in folders.

1. Create a dmg from a Mac OS X installer DVD and place it in the BaseOS folder.
2. Place any Apple Update packages into numbered subfolders in the AppleUpdates folder. The numbering of the subfolders determines the order in which the packages will be installed.



3. Place any other packages you wish to install in the Custom\_PKG folder. Use the same subfolder convention of the AppleUpdates folder to order your packages.
4. If you are installing 10.5 you can use an InstallerChoices.xml file to control what OS packages get installed. Place the file in the same directory as the instadmg.bash script and it will be detected and used. To create your own InstallerChoices.xml file please [follow these steps from AFP548.com](http://AFP548.com).

## InstaDMG Use

With the files in place simply execute the instadmg.bash script as root. It is recommended you use sudo to accomplish this. If you are installing Tiger you will need to plug your InstaDMG disk into the correct platform Mac for the version of the OS you are installing.

All output will be sent to the Logs folder. There are two different log files generated. The standard log file contains all output while the pkg log only contains information about which packages have been installed.

After the script finishes you will have an ASR ready image in the ASR\_Output folder.