



Adobe Customization Wizard for Macintosh



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Adobe Customization Wizard® for Macintosh® for the Acrobat® Family of Products.

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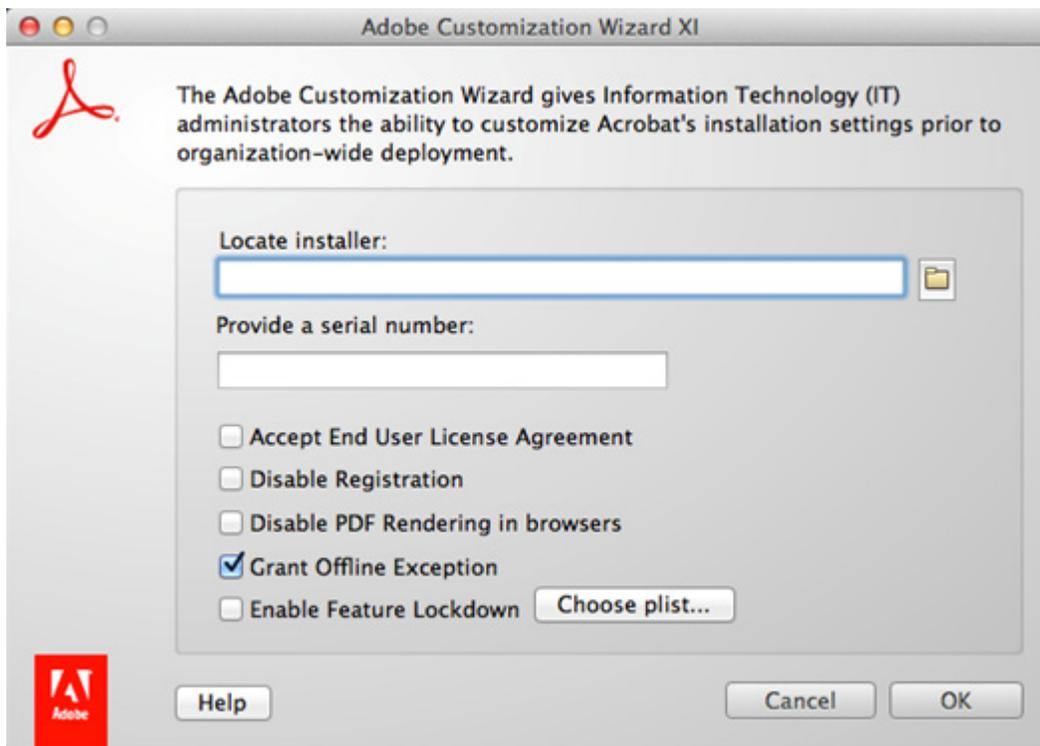
Overview

Acrobat 11.0 introduces a Customization Wizard for Macintosh which provides IT admins the ability to customize product installation settings prior to organization-wide deployment.

Running the Wizard requires a writable area, so do not run it from a DMG disk image. Copy it to a folder and run it from there.

Trial installations

The Customization Wizard can only be used to affect serialized workflows that require a license. The trial workflows cannot be customized.



Features

Installer locations

Required

Click on the **Locate Installer** folder icon located on the right side of the input text box to select the input installer.

Serialization

Required

Enter a serial number in the **Provide a serial number** input box to pre-serialize the package. The serial number should contain exactly 24 digits after stripping the dashes and spaces. If the **Grant Offline Exception** option is checked, only Volume serial numbers may be entered.

EULA

Optional

Check the **Accept End User License Agreement** checkbox if the individual selecting the checkbox is accepting the EULA for all end users. When checked, end users will not be shown the EULA on product startup.

Disable Registration

Optional

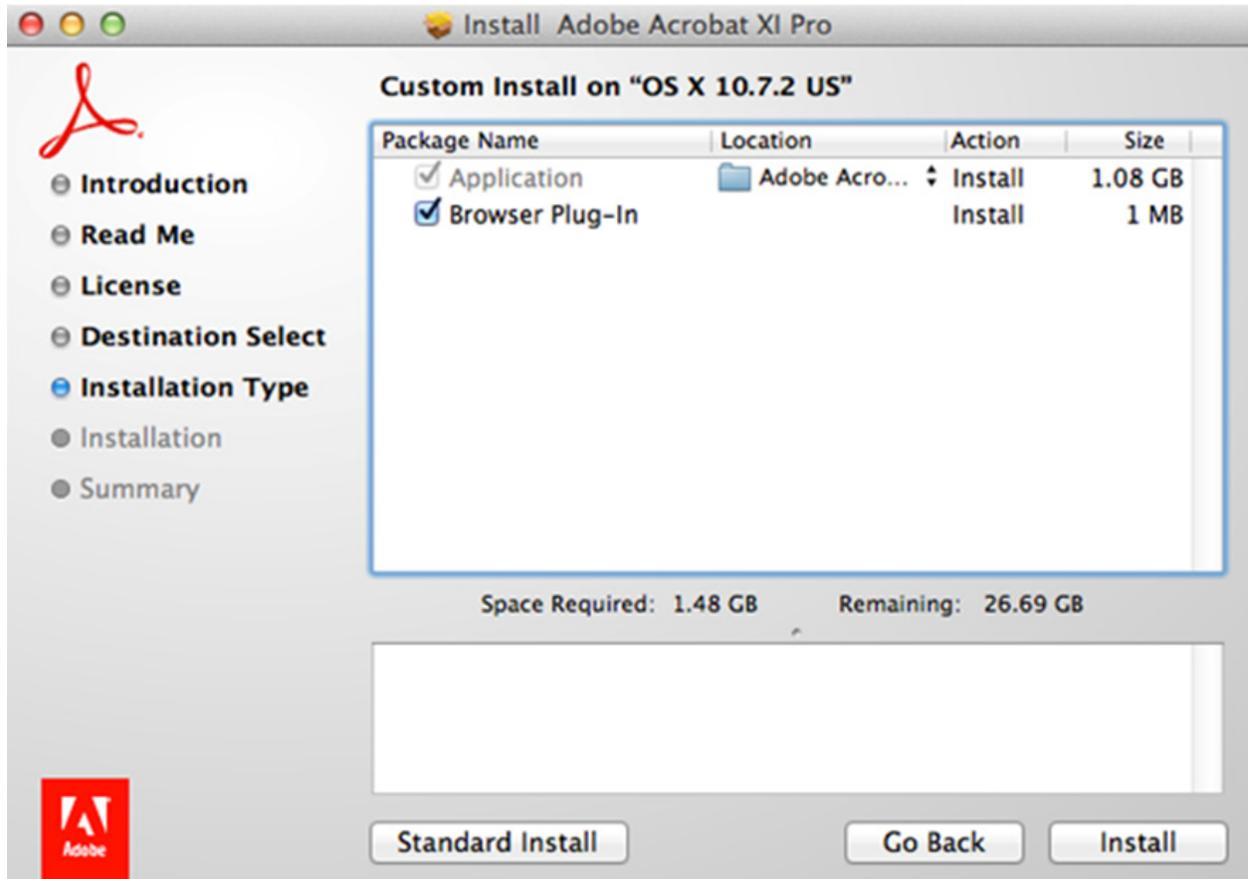
Check the **Disable Registration** checkbox to make the following UI changes for all end users on application startup:

- Users are not prompted to enter or create an Adobe ID.
- Sign-in dialogs do not appear.
- Product registration is also disabled.

Browser Integration

Optional

Check **Disable PDF rendering in browsers** to disable browser integration. By default, the product is integrated with web browsers. During UI install workflows, this integration is apparent in the Custom Install dialog where the browser plugin is checked by default. Disabling browser integration disables this option.



Online activation

Optional

Check **Grant Offline Exception** to create an installer that will not require online activation. In this case, end users will not be required to go online to validate the serial number or activate the product. This option requires a volume serial number; otherwise, the Customization Wizard will fail with the error code 14.

Note: The default workflow with Acrobat XI is that if the user doesn't go online within first 30 days to validate the serial number and activate the product, the application stops working. A working internet connection is a prerequisite for this option. By default, this checkbox is checked on when Customization Wizard is launched.

Feature Lockdown

Optional

Acrobat 11.0 introduces lock feature settings for Macintosh. Like Windows, feature lockdown allows IT to create settings that cannot be changed by end users. Since the Wizard modifies the installer, the embedded feature lockdown file will be installed on all end user machines at install time. For features that have a user interface (UI), the UI is either removed from the product or greyed out thereby indicating it is disabled.

Note: The feature lockdown file is a system-level plist file in for a root account. These files do not exist by default.

To lock preferences:

1. Create a plist file named com.adobe.Acrobat.Pro.plist or com.adobe.Reader.plist.
2. Check **Enable Feature Lockdown**.
3. Browse to the plist file you created.
4. Choose **OK**.

Note: the Wizard places the file in /Library/Preferences/. If a plist already exists at that location, the existing 11 hive content is replaced by the new content generated by the wizard. All other hives within that plist remain untouched.

Feature lockdown file construction

The file format is an xml plist and many of its details parallel the way feature lockdown is implemented for Windows. While full details reside in the Administration Guide and the Preference Reference at <http://www.adobe.com/go/acrobatetk>, these ideas are key:

- Preferences always reside under the appropriate version hive (e.g. 10, 11).
- Not all preferences can be locked, but what can be locked is identical for Windows and Macintosh.
- The preference is prepended by the data type (version and section nodes do not have a data type). The following is supported:
 - b: boolean
 - t: string
 - c: dictionary
- The xml structure/hierarchy mirrors the registry path. For example:
 - **Windows:** [HKLM root\<version>\FeatureLockDown]bUpdater
 - **Mac:**

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
  <key>11</key>
  <dict>
    <key>FeatureLockdown</key>
    <dict>
      <key>bUpdater</key>
      <false/>
    </dict>
  </dict>
</dict>
</plist>
```

In the example above, the Updater preference is represented as a single boolean plist key named bUpdater and the initial letter 'b' signifies the type of preference. This value disables the Updater. It also removes UI items, including **Help > Update Acrobat XI Pro** and the Updater settings under **Preferences**.

Lockdown example

The example below selectively blacklists the Javascript API app.alert for all PDFs.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
```

```

<dict>
  <key>l1</key>
  <dict>
    <key>FeatureLockdown</key>
    <dict>
      <key>cJavaScriptPerms</key>
      <dict>
        <key>tBlackList</key>
        <string>App.alert</string>
      </dict>
    </dict>
  </dict>
</dict>
</plist>

```

Saving the Customized Installer

1. When customization is complete, a dialog appears. Enter an output package name ending with PKG.
2. Choose **OK**.

Note: The parent directory must be writable otherwise an error is thrown. If the file already exists, the file is overwritten.

If none of the optional checkboxes are selected, the output installer is pre-serialized using the provided serial number thereby avoiding the appearance of the serial number pane during the install.

Logging

The Customization Wizard creates the log file at `~/Library/Logs/Adobe/CustWiz.log`. If for some reason log file creation fails, the log is dumped to the console. If the Grant Offline Exception is checked, logs are also created at `/tmp/oobelib.log`.

Common Error Codes

Code	Description
1	The Acrobat XI Installer Package could not be read.
2	The destination Installer package exists and is not writable.
3	The XML file generated for embedding inside the installer could not be read.
4	Invalid arguments passed to the script which modifies the package.
5	Could not expand the Input installer package to process.
6	Could not flatten the expanded input package into the output package.
7	Failed to embed the XML file generated into the package.

8	Could not remove the temporary expanded package.
9	The featurelockdown plist is not readable.
10	Failed to embed the featurelockdown plist into the package.
14	The APTEE tool called from within returned an error. See /tmp/oobelib.log for details.

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