SampleICC CMM Read Me

OVERVIEW

The Sample ICC CMM (Color Management Module) provides methods to transform colors using industry standard ICC (International Color Consortium) color profiles.

The SampleICC CMM can be used by applications that support selection of third-party CMMs. It can also be integrated into workflows using operating system-level Color Management Systems to access the SampleICC CMM or using custom software to access the SampleICC CMM APIs directly.

LICENSE

The ICC Software License, Version 0.2

Copyright (c) 2003-2010 The International Color Consortium. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. In the absence of prior written permission, the names "ICC" and "The International Color Consortium" must not be used to imply that the ICC organization endorses or promotes products derived from this software.

THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE INTERNATIONAL COLOR CONSORTIUM OR ITS CONTRIBUTING MEMBERS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software consists of voluntary contributions made by many individuals on behalf of the The International Color Consortium.

Membership in the ICC is encouraged when this software is used for

commercial purposes.

For more information on The International Color Consortium, please see http://www.color.org/>.

GETTING STARTED

Follow these steps to get started with the SampleICC CMM:

- 1. Familiarize yourself with the SampleICC CMM by reading the Overview above.
- 2. Download and install the SampleICC CMM.
- 3. Test compatible applications.
- 4. Ask questions and share your feedback in the ICC discussion forum.

INSTALLING THE SAMPLEICC CMM

To install the SampleICC CMM on Windows

- 1. Create a directory SampleIcc in Program Files and copy the file **SampleIccCmm.dll** to Program Files\SampleIcc.
- 2. In order to make the SampleICC CMM available to applications, you will need to add a registry value. This is described in the remaining steps.

Disclaimer: This procedure involves editing the Windows registry which contains critical system and application information. Make sure to back up the registry before editing it. For more information about the registry, see the Windows documentation, or contact Microsoft.

- 3. Choose Start > Run.
- 4. In the Open box, type **regedit**. Click OK to open the Registry Editor.
- 5. Navigate to the HKEY_LOCAL_MACHINE\Software\Microsoft\Windows

NT\CurrentVersion\ICM\ICMatchers key in the left-hand pane of Registry Editor.

- a. If the ICMatchers key does not exist, then create it by navigating to the HKEY_LOCAL_MACHINE\Software\Microsoft\Windows NT\CurrentVersion\ICM key in the left-hand pane.
- b. Under the Edit menu, select New > Key.
- c. Give the new Key the name ICMatchers.
- 6. Under the Edit menu, select New > String Value.
- 7. Give the new String Value the name SICC.
- 8. Double-click the SICC name. In the Value data: field, type

C:\Program Files\SampleIcc\SampleIccCmm.dll

(make sure the C: drive letter matches the hard drive where you installed the SampleIccCmm.dll file).

- 9. Click the OK button.
- 10. Go to File > Exit to close the Registry Editor.