An introduction to color
Who am I?
Human eye can only capture a certain range of colors
Red Hat Super Cool Teeshirt

★★★★★ (1 customer review) 0 Like

RRP: £11.99
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You Save: £5.75 (47%)

Roll over image to zoom

What I wanted...
What I got...
End to end color managed workflow
An interface on the bus instance
Properties


Dict of {String, String} Metadata = dbus.Dictionary({dbus.String(u'XRANDR_name'): dbus.String(u'HDMI2')},

String Colorspace = rgb

String DevicId = xrandr-Hewlett Packard-HP LP2480zx-3CM82200KV

String Kind = display

String Mode = physical

String Model = HP LP2480zx

String Serial = 3CM82200KV

String Vendor = Hewlett Packard

UInt64 Created = 1304413854

UInt64 Modified = 1304413854
Methods

- `AddProfile(String relation, Object Path object_path)`
- `GetProfileForQualifiers(Array of [String] qualifiers) → (Object Path object_path)`
- `GetProfileRelation(Object Path object_path) → (String relation)`
- `MakeProfileDefault(String profile_id)`
- `ProfilingInhibit()`
- `ProfilingUninhibit()`
- `RemoveProfile(Object Path object_path)`
- `SetProperty(String property_name, String property_value)`

... and methods
Each device needs an up to date color profile to be color managed.

<table>
<thead>
<tr>
<th>Device</th>
<th>Calibration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lenovo - 4384BR2</td>
<td>5 months</td>
</tr>
<tr>
<td>Default, 4384BR2</td>
<td>Not specified</td>
</tr>
<tr>
<td>Huey, LENOVO - 4384BR2 - 16&quot;</td>
<td>5 months</td>
</tr>
<tr>
<td>Hewlett Packard - HP LP2480zx</td>
<td>11 months</td>
</tr>
<tr>
<td>Hewlett Packard - Photosmart B109a-m</td>
<td>Uncalibrated</td>
</tr>
<tr>
<td>Chicony Electronics - Webcam</td>
<td>Uncalibrated</td>
</tr>
</tbody>
</table>

(mainly for people who care...)
This 3D hull is what the profile looks like in Lab space

(mainly for color geeks...)
Choose calibration quality

Higher quality calibration requires many color samples and more time.

- **Accurate (about 20 minutes)**
- **Normal (about 10 minutes)**
- **Quick (about 4 minutes)**

[Cancel] [Go Back] [Continue]
Choose your display target white point

Most displays should be calibrated to a CIE D65 illuminant for general usage.

- CIE D50 (Printing and publishing)
- CIE D55
- CIE D65 (Photography and graphics)
- CIE D75
- Native (Already set manually)

[Buttons: Cancel, Go Back, Continue]
Please configure instrument

Please set the measuring instrument to calibration mode like the image below.

Details

Help  Cancel  Continue
Please select a calibration target

Before profiling the device, you have to manually capture an image of a calibration target and save it as a TIFF image file. Ensure that the white-balance has not been modified by the camera and that the lens is clean.

For best results, the reference target should also be less than two years old.

Please select the calibration target type which corresponds to your reference file.

IT8.7/2
- Working spaces and gamut
- Per-device ICC profiles
- Color managed workflow
- Key concepts and design
- How to use colord
- GNOME Color Manager
I'm expecting questions!