

W1.1 Image Quality of Printers

W1.1 2001-013

Attribute: Macro-uniformity

Author: René Rasmussen

Date: January 8, 2001

Referenced documents: W1.1 2000-003, W1.1 2000-004

X-Sender: rene@pop-server.wrc.xerox.com

Date: Mon, 8 Jan 2001 16:20:50 -0500

To: davew@acut.com, pflug@lexmark.com, steven.v.korol@opbu.xerox.com,

Ina.Eckerleben@ops.de, Yee_Ng@nexpress.com From: Rene Rasmussen

<RRasmussen@crt.xerox.com> Subject: NCITS W1.1 Macro Uniformity Working Group

Cc: <RRasmussen@crt.xerox.com>

(Thanks to Bob Cookingham for writing the "template" for this mail note!)

Macro Uniformity Working Group,

My name is Rene Rasmussen, and I have volunteered to chair the Macro Uniformity Working Group under the NCITS W1 technical standards committee. This is a lengthy note, but there are only two actions that I ask you take ASAP (see details below):

1. Reply to the question regarding your availability for 1 hour conference calls between now and end of January.
2. Read the attached documents and start to submit your ideas on how to define the Macro Uniformity attribute.

Our sub-committee chair, Norm Burningham, indicates you have volunteered to be on this working group on Macro Uniformity. I'm writing to open lines of communication and begin to set some plans in place so we can begin our activities. As you may have been aware, the development of this effort has taken place over the last two years and we now have formal projects at both the US national and international level in formal standards development bodies. NCITS W1 is the "home" standards organization for our work.

The composition of this and all other working groups can be found through the NCITS homepage at: www.ncits.org/tc_home/wlhtml/wlpage1.htm Bookmark this site, we are going to be using it a lot! Just click on the NCITS W1.1 Sub-groups and then look under Team Leaders and Members to find the team members. The team's composition is not necessarily complete, and more people may be added (perhaps at your suggestion). Nevertheless, because of the fairly aggressive timeline envisioned, I am sending this now and we'll update those joining later as needed.

As you will notice, the W1.1 web site is far from complete, and is a work in progress. There are two other documents to take a look at. The first is the list of attributes, and the second is the proposed process. I have attached them here in both MS Word and PDF formats, since the documents on the W1.1 website have lost some formatting and a diagram. Please take a look at these. The final area of interest on the site is the team area. Ours is the Macro Uniformity area. I am sending this to you and going to try to post it in the team discussion area. The team discussion area is a place where we will post ideas, and information for ourselves and other working group members to read and comment.

The Timeline

We are trying to get off to a fast start now that the formal paperwork is in place. At a teleconference of the working group team leaders last week, we agreed to try to:

1. Complete a solid attempt of "Attribute Definitions" by the end of January
2. Push "Measurement Methods" and "Target Creation" as far as possible during February and March.
3. Plan for two working group meetings at the Montreal PICS Conference, April 22-25. We have secured for the W1.1 effort, space for working group meetings on Sunday evening April 22 and Monday evening April 23. In addition we have a 90-minute block of time Tuesday afternoon of the conference, in which each team will have about 10 minutes to review our progress to that point, summarize our directions and take Q&A.

Our overall goal is to achieve substantive progress along the path outlined in the process document. We recognize that this is a volunteer effort; simultaneously we recognize that without some initial push, many efforts don't generate enough momentum to keep going of their own accord.

The Path Forward

While reading this, please refer to the website documents relating to attributes and process. The process document, while not cast in concrete, has been through several revisions by the team leaders as a way to get started. It uses the Xerox methodology as outlined by E. Dalal in the 1998 PICS conference. It allows us to get started. Please note Section 2 which describes our first task, which is to define the sub-attributes of Macro Uniformity. Our initial working group goal would be to have a first cut at this completed by the end of January. I am asking at this point for all to submit ideas on how we can define the Macro Uniformity attribute. A different, but related, attribute is Micro Uniformity, and while our group is not responsible for defining the Micro Uniformity attribute, we will need to collaborate with the Micro Uniformity group to ensure minimal overlap between the two attributes. Please send your input to the whole working group (addresses in the team list or on this email). We then can individually review the proposal(s) and discuss them in a teleconference call, iterating through revisions as necessary. Any contributions at all will move us along the path, so I encourage your sharing your thoughts.

Conference Calls

If we are to meet the above aggressive schedule, I would like to suggest we begin a series of teleconference calls that I will host (call in number to follow when we agree on a time). Please send me email with your availability for 1 hour conference calls between now and end of January. I will coordinate and setup for the conference calls.

I may have left something out which you thought I should cover. If so, please do not hesitate to call or email me. My phone number is 716-265-5112 and my email is rene@wrc.xerox.com (or RRasmussen@crt.xerox.com).

Sincerely,

Rene

Attachment converted: Work:Guide-Process-Dev.pdf (PDF /CARO) (00008184)

Attachment converted: Work:Guide-Process-Dev.doc (WDBN/MSWD) (00008185)

Attachment converted: Work:Sub-attributes.doc 2 (WDBN/MSWD) (00008186)

Attachment converted: Work:Sub-attributes.pdf (PDF /CARO) (00008187) -----
----- Rene Rasmussen,

Ph.D.
Principal Scientist, Color Image Quality Xerox Corporation
Wilson Center for Research & Technology
800 Phillips Road, M/S 114-21D
Webster, NY 14580

Email: RRasmussen@crt.xerox.com
Phone: (716) 265 5112