

**PDF/UA (Universal Accessibility) Working Group
Teleconference Draft Meeting Minutes
January 10, 2005
2:00 P.M. – 4:00 P.M. EST**

Tuesday, January 10, 2006

Introductions

Angy Brooks	Independent Accessibility Consultant
Joe Clark	Independent Accessibility Consultant
Mike Fratkin	Social Security Administration
Mark Gavin	Appligent
Loretta Guarino-Reid	Adobe Systems
Dick Herring	Independent Accessibility Consultant
Duff Johnson	Document Solutions
Steve Noble	Design Science
Greg Pisocky	Adobe Systems
Neil Soiffer	Design Science
Darius Tybor	Social Security Administration

Approval of Agenda, January 10, 2006

Johnson / Brooks

Approval of Minutes, December 12, 2005

Johnson / Herring

Update the model, and review contributions to the document, Angy and Duff agree we take on a particular issue, specifically tables. Pick up on Dick's sixth item list and table structure.

Issues regarding adding tags to the PDF.

Q: Are we free to do this.

A: Yes, all requests can be brought to Adobe, whether or not they will be incorporated is another issue. But Adobe welcomes all such submissions. Joe Clark advocates adding a richer set of tags for supporting table structures.

Let's discuss tables and find the holes to make the case for the issues that Joe is raising.

Tables:

Must be structured.

Issue: Brooks – Is table structure necessary if alt text is used to define the table?

Something that is machine readable.

A table is an array of Rows and Columns. Understanding the relationship.

In the event of a table, then certain things follow:

At least one row or column of headers.

Table Title / Legend

Column Titles

Row Labels

Cells

Footnotes

Guarino-Reid: Tagged PDF definition 2 dimensional layout of rectangular data cells.

Standard structure types of table elements

Standard table attributes

Stephen Ferg's techniques for accessible tables an excellent resource.

http://www.ferg.org/section508/accessible_tables.html

TABLE 10.24 Standard structure types for table elements

Note: The association of headers with rows and columns of data is typically determined heuristically by applications. Such heuristics may fail for complex tables; the standard attributes for tables shown in Table 10.35 can be used to make the association explicit.

STRUCTURE TYPE DESCRIPTION

Table (Table) A two-dimensional layout of rectangular data cells, possibly having a complex substructure. It contains either one or more table rows (structure type TR; see below) as children; or an optional table head (structure type THead; see below) followed by one or more table body elements (structure type TBody; see below) and an optional table footer (structure type TFoot; see below). In addition, a table may have an optional caption (structure type Caption; see "Grouping Elements" on page 827) as its first or last child.

TR

(Table row) A row of headings or data in a table. It may contain table header cells and table data cells (structure types TH and TD; see below).

TH

(Table header cell) A table cell containing header text describing one or more rows or columns of the table.

TD

(Table data cell) A table cell containing data that is part of the table's content.

THHead

(Table header row group; *PDF 1.5*) A group of rows that constitute the header of a table. If the table is split across multiple pages, these rows may be redrawn at the top of each table fragment (although there is only one THHead element).

TBody

(Table body row group; *PDF 1.5*) A group of rows that constitute the main body portion of a table. If the table is split across multiple pages, the body area may be broken apart on a row boundary. A table may have multiple TBody elements to allow for the drawing of a border or background for a set of rows.

TFoot

Note: (Table footer row group; *PDF 1.5*) A group of rows that constitute the footer of a table. If the table is split across multiple pages, these rows may be redrawn at the bottom of each table fragment (although there is only one TFoot element.)

TABLE 10.35 Standard table attributes

KEY TYPE VALUE

RowSpan integer (*Optional; not inheritable*) The number of rows in the enclosing table that are spanned by the cell. The cell expands by adding rows in the block-progression direction specified by the table's WritingMode attribute. Default value: 1.

ColSpan integer (*Optional; not inheritable*) The number of columns in the enclosing table that are spanned by the cell. The cell expands by adding columns in the inline-progression direction specified by the table's WritingMode attribute. Default value: 1.

Headers array (*Optional; not inheritable; PDF 1.5*) An array of strings, where each string is the element identifier (see the ID entry in Table 10.10) for a TH structure element that is a header associated with this cell. This attribute may apply to header cells (TH) as well as data cells (TD). Therefore, the headers associated with any cell are those in its Headers array plus those in the Headers array of any TH cells in that array, and so on recursively.

Scope name (*Optional; not inheritable; PDF 1.5*) A name with one of the values Row, Column, or Both. This attribute applies only to TH elements and indicates whether the header cell applies to the rest of the cells in the row that contains it, the column that contains it, or both the row and the column that contain it.

AI: Invite Stephen Ferg to the next meeting.

AI: GP to recreate Ferg's tables in PDF in time for next meeting.

This exercise then will provide the group with clues as to whether or not the PDF table model is sufficient.

Recap:

Start with the Adobe Reference

Poke holes in the list of elements and attributes (can it be done?)

Joe Clark will distribute links to some tables.

Action Items:

AI: Greg Pisocky will attempt to mark Stephen Ferg's table examples up in PDF

AI: Invite Stephen Ferg's examples

AI: Identify 2 or more tables that represent candidates of problematic tables

AI: Identify deficiencies in the Adobe Reference which make it impossible to properly mark up said tables.

AI Angry Brooks to include Table 10.34 for Lists into the Table

AI Duff Johnson will also invite people to submit samples of problematic lists

Questions, Discussions, Concerns

None

Housekeeping:

Week of January

Next meeting 2:00 pm January 30

Next face to face. Where it would be, Silver Spring, MD. Other locations considered. Face to face meetings offer the opportunity to get more work done. Phone conferences 2 – 3 weeks.

Duff to inform AIIM that face to face not needed at this time. We are waiting until we have a Viable draft or contentious issues arise.

Possible candidate: AIIM Conference and Expo May 15 – 18
Pennsylvania Convention Center, Philadelphia, PA

<http://www.aiimexpo.com/aiimexpo2006/v42/index.cvn?id=10000>

Next meeting decide upon groupings of items for discussion using

Richard Herring's list.

Proposal identify a longer span of agenda items

Herring / Brooks

AI Angy would organize the structure of such a roadmap for outlining upcoming meetings.