

IEEE-1671 ATML

- The ATML base document was first published in 2004 as a Trial-Use Standard.
- The ATML base document revision was published in 2010 as a Full-Use Standard.
 - We do not have 50+ people in the room anymore.
- The concept of 'dot' standards (like IEEE 802) appears to be misunderstood by some in the ATS community.
 - Each ATML 'dot' standard does not stand on its own.
- Revising the ATML base document and each of the 6 ATML 'dot' standards could take 7-10 years.

To Be Addressed

- The DoD questionnaire responses.
- Known changes to the base document and 'dot' standards.
- Duplication/Discrepancies in the base document and the 'dot' standards.
- ATML's Complexity.
- Backwards Compatibility.
- Implementations of ATML vs. the ATML Standards.
- Examples.
- IEEE Download site.
- Figures.
- Etc.

Present IEEE-1671 ATML

- We have:
 - IEEE-1671 (base document) – 365 pages.
 - Plus ‘dot’ Standards: 1671.1, 1671.2, 1671.3, 1671.4, 1671.5, 1671.6.
 - Plus, Recommended Practices 1871.1, 1871.2, P1871.3.
- A PAR for the Revision of 1671-2010.
- I have begun placing the 2010 source in the latest IEEE template format.

Proposed IEEE-1671 ATML

Concept I am proposing:

ATML becomes 1 IEEE Document (IEEE 1671).

- The ATML Standard would then stand on its own.*
- Duplications/Discrepancies are eliminated.*
- All 'elements' of ATML are updated in ~ 4 years with 5-10 volunteers.*

ATML could potentially be published in ~2027 and be an Active Standard until ~ 2037

Proposed IEEE-1671 ATML (cont.)

- Initial Concept:
 - Today: IEEE-1671 (base document) – 365 pages
 - Proposed: P1671 – 1,000 to 1,500 pages (estimate)
- All changes are introduced via a “ATML Change Proposal”
- The existing ‘dot’ standards would only be compatible with IEEE 1671-2010 (1671.1, 1671.2, 1671.3, 1671.4, 1671.5, 1671.6).
- SCC20 would not revise the existing ATML ‘dot’ standards.
- SCC20 continues to maintain the Recommended Practices 1871.1, 1871.2, P1871.3.

Proposed ATML Questionnaire

P1671 Log Number:	
<i>SCC20 Standards Committee P1671 WG</i>	
<i>ATML Questionnaire</i>	
Author(s):	Date:
Which ATML Standards have you, or are you implementing ?	
Have you extended the XML schemas?	
If you have extended a XML schema, did you utilize the Extension mechanism?	
Which SIMICA Standards have you, or are you implementing ?	

Proposed ATML Change Proposal Form

P1671 Log Number:	
SCC20 Standards Committee P1671 WG	
ATML Change Proposal	
Author(s):	Date:
Issue – What cannot be expressed with the existing ATML standard(s)?	
Proposed Change – What changes?	
Reason for Change – Why should this change happen?	
Intended Outcome(s) – What would the specific outcome of a successful change be?	
Is the Change backwards compatible?	
Additional Factors to Consider – What other Standards or Recommended Practices might this change affect?	
P1671 WG Start Date:	P1671 WG End Date:
P1671 WG Resolution:	Final Resolution Date:
Issue	
Proposed Change	
Reason	
Intended Outcome (s)	
Backwards Compatability	
Additional Factors	

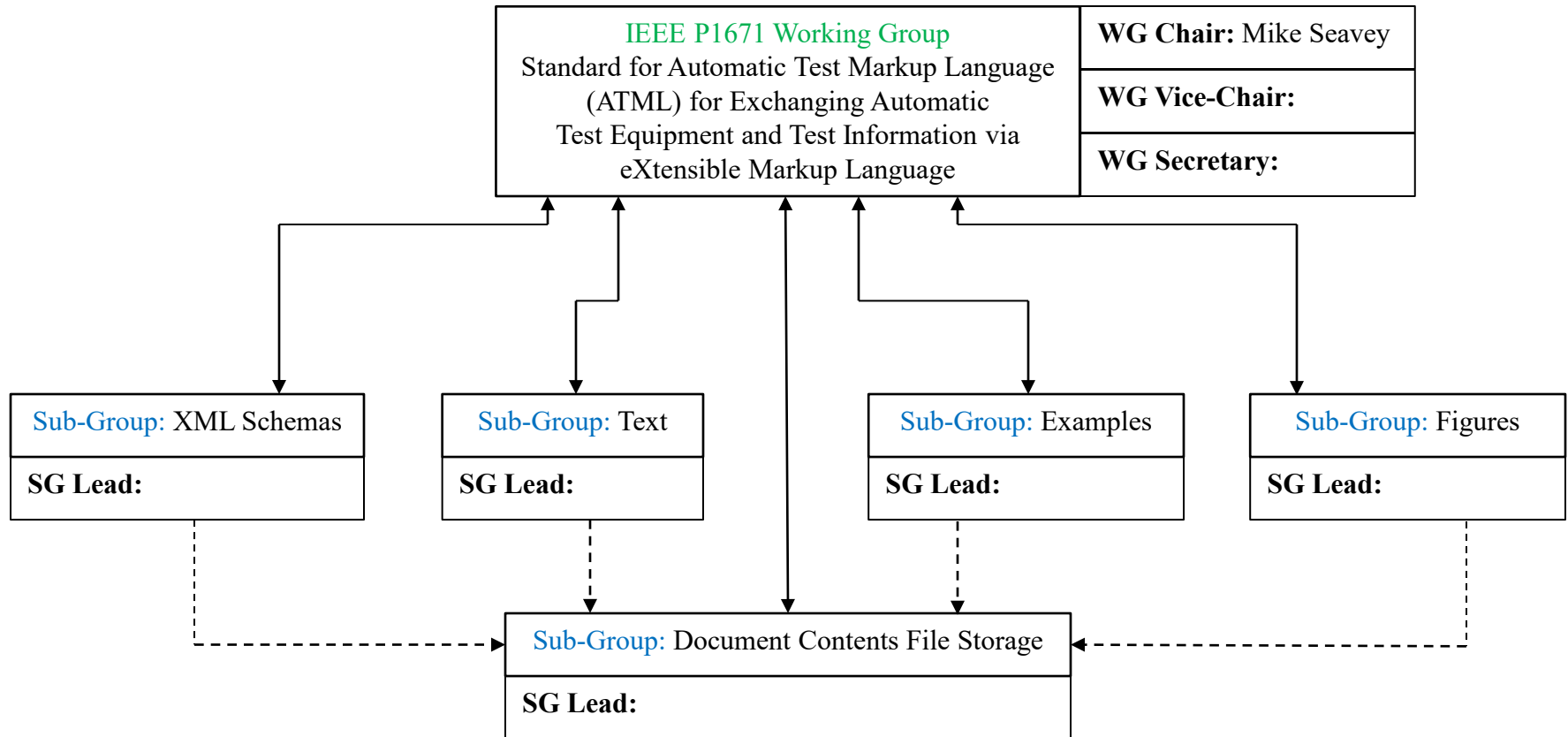
Proposed Table of Contents



Microsoft Excel
Worksheet

P1671

Working Group & Sub-Groups



Proposed Schedule



Microsoft Excel
Worksheet