

# PI871.3 WORKING GROUP

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AUG 31, 2023

# AGENDA

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- Review & Understand the Approved PAR
  - Scope
- Develop a WG Schedule with Preliminary Tasks and Assignees
- Establish Frequency, Date, and Time for WG Electronic Meetings

# SCOPE

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- This Recommended Practice identifies preferred mappings between JavaScript Object Notation (JSON) and the eXtensible Markup Language (XML) data models defined in IEEE Std. 1671-2010, IEEE Std 1641-2022, and IEEE Std. 1636-2018.



# SCOPE - INTERPRETATION

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- Preferred mappings between JavaScript Object Notation (JSON) and the eXtensible Markup Language (XML) data as it related to the 3 family of standards from the PAR
- Will support snippets of data and full whole documents
  - Will we be able to exchange XML snippets with type?
- Consider only JSON5?
- Mike S - Do we need to revise the PAR to clarify what we are doing?
  - “XML used by the Family of standards”?
- Chris G – One way loss-less? Can we support round trip?

# WG SCHEDULE

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- Proposal
  - April 2024 – Get agreement on approach in the WG
  - June 2024 – Complete draft document and send it out for review
  - Aug 2024 – Start ballot





# KNOWN INCOMPATIBILITIES

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- Known issues
  - ~~Schema-related~~
    - ~~Choice~~
    - ~~Extensions~~
  - <[CDATA[]]>
  - namespace
  - XPATH (JSON-path?), ~~XQuery~~
  - Comments
  - Others?

# NEXT STEPS

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- Anand - Investigate incompatibilities listed and others?
- Anand - Define how to convert between XML and JSON formats

# WG SCHEDULE

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- Proposal
  - Hold electronic meetings once every quarter
  - Next meeting in Oct 18 2023 – 9 AM EST