QIF for Industry: Open Round-Table Forum Abstract at NIST/MBE Summit
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ABSTRACT
You are invited to join an open round table discussion with representatives from the QIF Community, authors, implementers, users, and thought leaders. Those at the table will discuss the scope and uses for the new ANSI/DMSC QIF v3.0 standard and status on progressing QIF as an ISO/QIF. Also, discuss the development and adoption of QIF from vendors and large industrial end users.

The manufacturing industry is recognizing that the Quality Information Framework (QIF) standard has become a viable solution for fulfilling their data interoperability voids within a digital product realization enterprise. Not only does the QIF specifically addresses digital metrology's needs for a robust, common measurement results format, but it also exceeds quality planning needs by resolving the feature-based, semantic-PMI requirements within a model-based definition. Furthermore, industry is realizing the power of digitally-persistent, universally-unique, product characteristics (aka. Bill of Characteristics) that opens huge opportunities for closed-loop feedback throughout the digital model-based enterprise. All within an easy to implement, modern data schema and exchange format.

Recently, the Digital Metrology Standards Consortium (DMSC) has successfully promoted QIF as ANSI /DMSC QIF v3.0 2018. Furthermore, the ISO/TC 184/SC 4 (the maintainers of the STEP AP203 and AP242 standards), via their Digital Manufacturing working group (WG15) sponsored the harvesting of the ANSI/QIF standard to become an ISO/QIF 23592 standard.

You are invited to take a seat at the QIF "Round Table" and join representative from the QIF Community with an open discussion on QIF related topics. Sit with QIF authors, QIF implementers, QIF industry end-users, MBD specialist, DMSC board members, and other thought leaders as together we all share our QIF stories past, present, and future. Hear stories of success and struggles in changing manufacturing process and culture towards the adoption of MBE using QIF. Gain insights from the QIF authors and implementers. Hear the vision and plans for what QIF is and can be used for. Then ask your questions, share your perspective and concerns on the current or next generation of digital manufacturing.

Some questions that might be asked include: Why has QIF been garnering so much attention from large industrial end users over the last few years? How can QIF and semantic Model Based Definition be implemented effectively in my organization?