MACHINE READABLE SEMANTIC PMI FOR PATTERN DEFINITION **RYAN GELOTTE RYAN@ACTION-ENGINEERING.COM**

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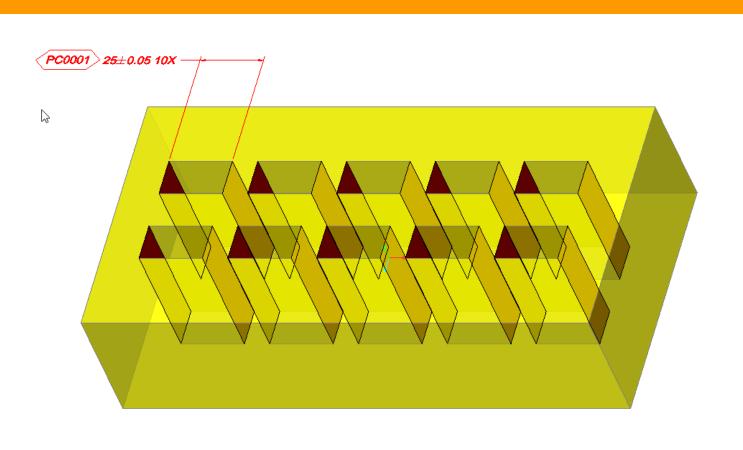
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MBE Summit // April 2-4, 2018



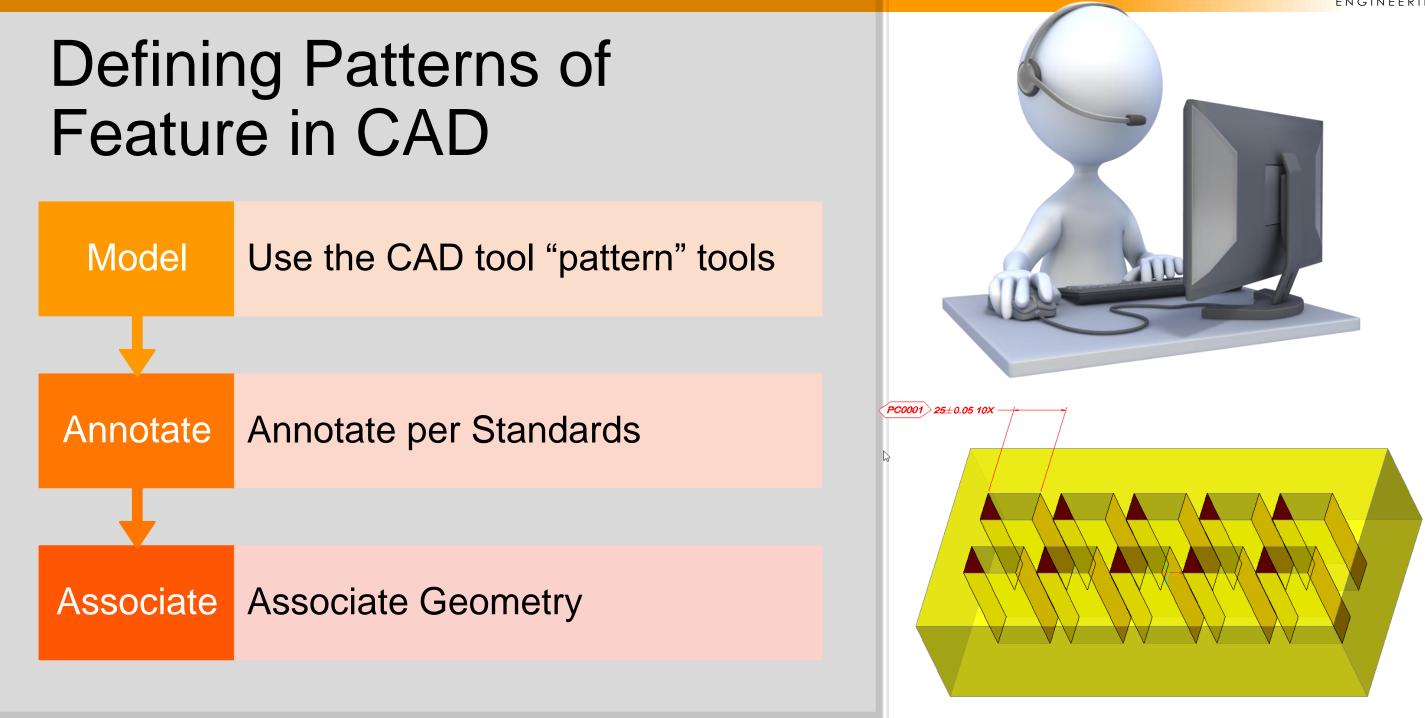


7.2.1 Associativity

The following are general requirements for defining an associative relationship between digital elements. (a) Selection of Associated Entities. Annotation may be associated to a feature, a group of features, or a portion of an applicable feature. For an example of the associated features for a dimension, see Fig. 7-3. (b) Associated Groups. Annotation, model geometry, and supplemental geometry may be placed into associated groups to indicate their relationships. For example

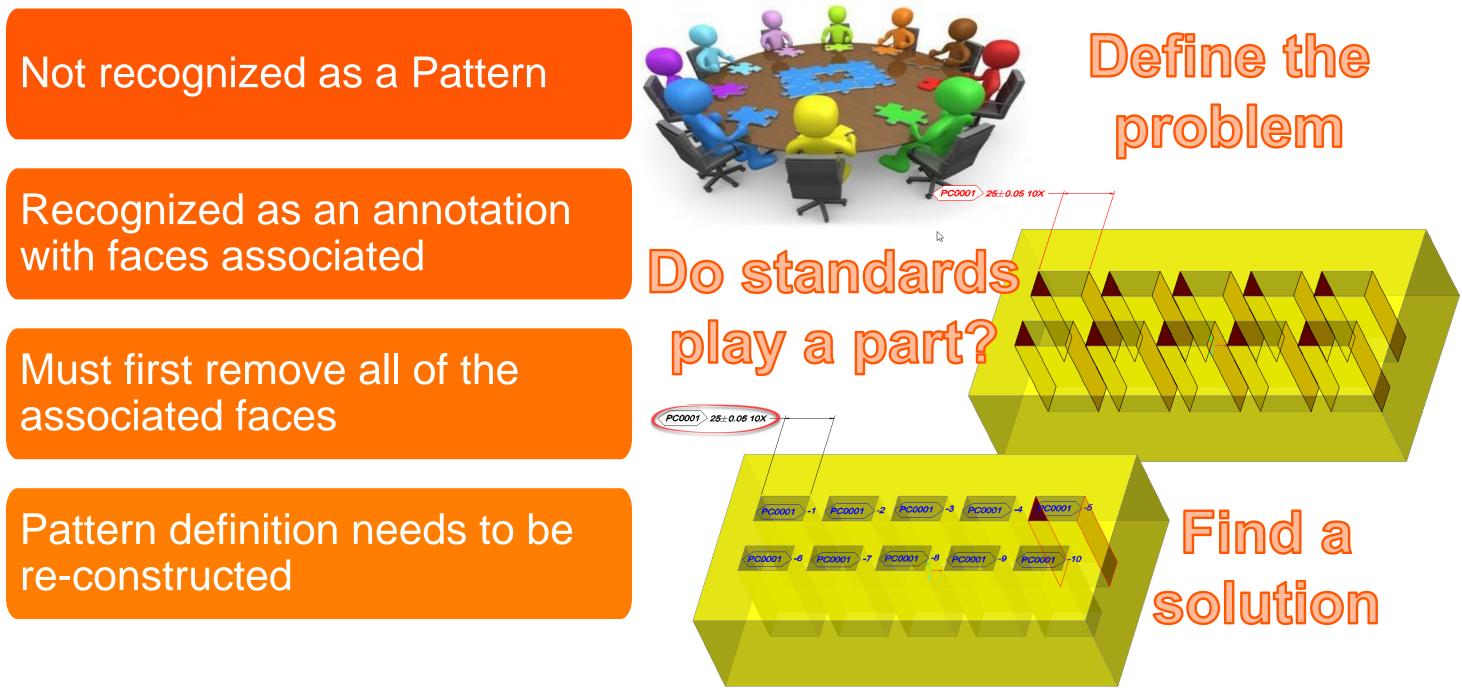
ASME Y14.41 Associativity Rule





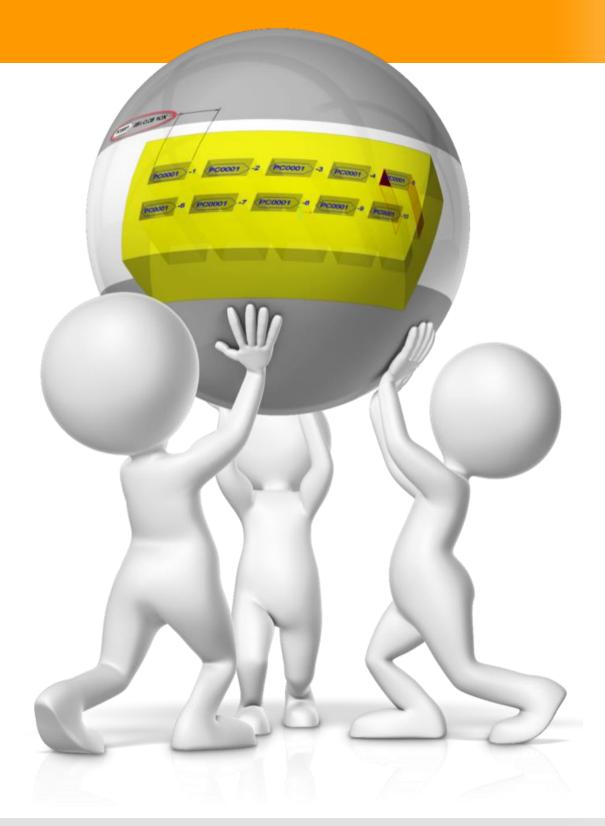


Interoperability Issue with metrology software





What Next? What are your Requirements?





Thoughts and Requirements from the Audience?

- Summary of questions and discussion form audience
 - Should we use a reference points to identify a pattern?
 - Tata points that represent solid geometry is not going to cut it.
 - Solution Is there a native CAD gap?
 - Is there a standards gap?
 - Is there an annotation application gap?
 - Solution Is there a metrology software gap?

