

- Which issues about consistency this paper addresses?
 - Consistency preservation of models in model merge
 - Two questions are raised:
 - If all the source models are consistent with respect to a given consistency property, will the integrated model be consistent with respect to that property as well?
 - If there is an inconsistency in the source model, will the inconsistency necessarily carry over to the integrated model?

- What is the main novel contribution/approach of the paper?
 - Preservation results for the merge operator
 - If an existential positive LFP formula is satisfied by some source model, any merge in which the source model participates satisfies the formula as well
 - Consider an existential positive LFP formula with a free variable x . Introduce a universal quantifier for the free variable, if the resulting formula is satisfied by all the source models, this formula is also satisfied by any merge of the models as well.

- Do you see any problem with the approach/contribution of the paper?
 - It is not clear which kind of (in)consistencies are preserved by the merge operator.
 - Other categories of inconsistencies?
 - Is this approach extensible to other merge operators? (usefulness for the broad range of techniques in the graph transformation and algebraic specs communities using colimits as the basis for model manipulations.)
 - Semantic properties?
- What would you suggest to improve the paper's contribution?
 - Generalization of the results (if possible)
 - Categorization of models