

Review of EWC05-036

COMMENTS FOR AUTHORS

I was very happy to receive this paper to review. I think the topic of interoperability in scientific software does not receive enough attention.

The most significant gap in this paper is that while four different interfaces, and three different use cases are discussed, never once do we see even a scrap of (pseudo)code showing us the interfaces and/or how they are used. I recognize that some of the interfaces are still very much in the design stage, others must be mature enough to expose to the public. After all, standard interfaces can't do much good if they aren't published.

Therefore, my request would be for the authors to add as appendices those interfaces considered sufficiently mature to withstand public view, and to try to insert a few illustrative examples of how they might be used into the body of the paper.

I would also like to see a little more discussion of how the authors propose to go forward with their interface design effort, in light of the fact that this publication is likely to excite some interest from within the broader community. For example, will it be possible for readers of this paper to join in the design effort, or at least keep closer tabs on it? If others want to adopt these interfaces for their codes/libraries, how should they go about it?

RATINGS

Innovativeness: Good

Style and Clarity: Good

Suitability for Journal: Good

Overall Rating: Good

RECOMMENDATION:

Accepted if revised per review