πSOD-M proposes intra-level (PIM to PIM) transformation rules from π-use case to π-service process models, π-service process to π-service composition models, as well as inter-level (PIM to PSM) transformation rules from π-service composition to π-PEWS models. These rules were implemented into a semi-automatic tool (the πSOD-M plugin for Eclipse).

We talk about a semi-automatic tool because not all the transformation proposed by πSOD-M can be fully automated. The transformations from CIM to PIM level models are not automatized, due to the informal nature of the CIM level, although some guidelines for those transformation have been presented in (reemplazar la referencia 16 por esta [1], o agregar esta). PIM to PIM transformation are fully automated in our tool (i.e., from π-UseCase to π-ServiceProcess, and from π-ServiceProcess to π-ServiceComposition). In the case of PIM to PSM transformation (i.e. from π-ServiceComposition to π-PEWS), our method requires a review by the analyst after the generation of the specification code, due to specifics concepts of PEWS need to be defined at this time (Placido??). Of course, at each stage of transformation, new constraints can be included.

Due to the nature of the πSOD-M method focused on service-oriented applications, we consider the method is more appropriate for those practitioners who have background knowledge in Information Technology. However it is important to remark IT practitioners and business analyst need to work together at early stage of the process defining CIM models.

[1] <https://doi.org/10.1016/j.infsof.2010.09.002>

Si mantenemos las [16] poner el titulo en ingles:

An MDA Approach for Web Information System Development: From the Business Model to the Web Service Composition Model