

Platform-of-Platforms and Symbiotic Digital Twins : Real Life Practical Examples and a Vision for the Future

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Abstract

The platform-of-platforms paradigm remains a genetic condition to start enacting the Digital Transformation by leveraging multiple digital twins in the parallel-processing yet overall asynchronous process underlying automated data & information availability to all. This approach is virtuously inscribed in any PLM macro-process environment. Funded projects aimed at various tool integration goals are underway, and first "open architecture", commercially available solutions have become available in 2019. Some are based solely on existing software, others required development of "universal" digital twin connectivity (a blessing in disguise). Platform-of-Platforms solutions available today will be reviewed and a vision of the near- and longer-term future presented.

1. Introduction written in 11 pt times new roman bold

Virtual Reality (VR) has long ...written in 11pt times new roman

We have been involved in the development of novel concepts for VR application in the maritime industries, *Bertram (2000)*, *Bertram and Barcellona (2000)*, *Bertram et al. (2002)*. Besides ...

Layout as such:

- 11pt times roman as standard font
- title in 14pt bold
- authors in 11pt bold, give email address for contact
- limit paper to 15 pages
- page layout as A4 format with 1 inch (2.54cm) margin everywhere
- Note that paper will be printed in black and white

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2. Next chapter

2.1. Subchapter

2.1.1. Subsubchapter

Capture figure in table, then hide the frame around it

Fig.1: Caption of figure below figure

Table I: Table captions above table

References

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