



- **Highlights / presentations from this Meeting:**

- GfSE activities update on SpecIF and MoTIF

- (Uwe Kaufmann, GfSE)

- <http://doc.omg.org/mantis/2021-12-01>

- SpecIF (Specification Integration Facility):

- Simply: extension of ReqIF (Requirements Interchange Format) to also include and link models (e.g. SysML)
 - SpecIF not limited to a File Format but will also support Linked Data concepts like OSLC
 - SpecIF v1.1 released November 2021
 - See also: <https://specif.de> and <https://github.com/GfSE>

- MoTIF (Model Transformation and Integration Facility):

- No progress since March '21
 - TBD: Elaboration of a draft RFP



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TC Meeting Date:

2021-12-10

Reporting Chair:

Uwe Kaufmann

Group page (URL):

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Group email:

mantis@omg.org

- **Highlights / presentations from this Meeting:**

- William C. Beavin (BOEING) elected as co-chair for ManTIS
- Joint meeting with BMI on Pedigree & Provenance (PPMN)
- Initial talks with IIC’s Manufacturing WG on interest in standardization
- Discussion of [Product Knowledge Framework \(PKF\) RFI](#):
 - Further response received from MONDRAGON University, will be present and discussed in March meeting <http://doc.omg.org/mantis/2021-03-01>
 - Further contemplated on an Upper Ontology for PKF that would align with OMG’s MOF
 - Extended response deadline to Sep. 2022
 - Next:
 - Review IIC Whitepaper “[Characteristics of IIoT Information Models](#)” and possibly reach out to the author(s)



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- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s)
 - N/A
- RFP/RFI/RFC Recommendation(s) or Other Recommendation(s)
 - N/A

- **Future Deliverables (In-Process):**

- Technology Adoptions
 - N/A
- RFP/RFI Recommended or Other Recommendations
 - Model Transformation & Integration Facility - MoTIF RFP

- **Liaisons**

- **ISO TC 184 SC4 (aka STEP)**



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• Agenda Items and Interest for the Next Meeting(s):

– March 2022

- System Assurance presentation (Ben Calloni, SysA CoChair)
- MoTIF – Model Transformation & Integration Facility RFP / RFC
 - Collect more interest in standardization, e.g. OpenMBEE
 - Discuss relationship SpecIF/MoTIF – OpenMBEE – SysML V2 – PLM
- Product Knowledge Framework (PKF) RFI
 - Review IIC Whitepaper on IIOT Information models
 - MODDALS – Univ. of Mondragon response to PKF RFI
- Reach-out to related groups:
 - Digital Twin Consortium – manufacturing WG
 - IIC – manufacturing WG
 - INCOSE DEIXWG, prostep ivip SysML Workflow Forum and Implementer Forum, etc.
- Tentative: Logistics Modeling RFP / RFC (NIST)

– June 2022

- OMG Information Day - “How Modern PLM Systems Interact in Enterprise IT Environments”
(Sponsored by CONTACT Software)



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• Long term plans / reach out:

– Themes of interest to discuss in ManTIS:

- USF + UTL progress report (Bertil Muth, Alexander Viehl)
- Updates from ISO TC 184 SC4 (STEP community)