

WISHI: Parsing and Translating Binary Data

Summary 2019-03-18

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Data (model) translation

- Carsten presented [Model Translation](#) slides
- Different styles
 - Source led model
 - Target led model
 - But also hybrid / bi-lead models common in practice
 - **Taxonomy needed!**
- Translating information between models and models between languages
- For many reasons move between {environments, languages, models}

Further considerations

- Extensibility
- What is good and what is not in a scheme
- Lineage of data
 - Preserving
 - Evaluating models on how well they preserve
 - Semantic web: provenance
- Up/down conversion: making up things and knowing when that should not be done
- Do you care to preserve data in the old environment?
- Usability

Tentative conclusions

- Need (abstract) data model with protocol bindings
 - We can have multiple bindings
 - Not about abstract things
- Good start for the red star implementation: WoT stack
- User interfaces and implications of models for different users important
- Recommendations/recommend tool for uber model
- Working for tools useful at hackathon