

### **What I'm doing** (*until 1<sup>st</sup> of November*)

Implementing a discourse model for creating a newspaper-like article.

### **Why I'm doing this**

HT Workshop paper showed to me more clearly the flaws of previous approaches taken in SampLe. Besides, the major problem discovered was that none of the current approaches to presentation building have explicit genre model. This leads to inflexibility of discourse models. An attempt to building a discourse model with explicit genre description showed that it is still unclear what knowledge should be described in the genre level and what knowledge should be placed lower in the infrastructure in abstract (only with classes) or concrete (with instances) discourse structure levels. Explicit genre models do not currently exist in literature.

As the result I decided to try and come up with a different approach to building discourse structures which is more flexible than using templates. I also decided to experiment with a different genre (newspaper-like article).

I came up with a model where domain concepts are mapped into a discourse structure for an article using generality measures of the domain concepts and their positions in the semantic framework. The model includes genre-dependent and genre-independent components. The assumption is that by replacing genre-dependent components to suit different genre the model can be adjusted to different genres.

### **How this contributes to my thesis**

Getting a clearer idea what knowledge genre level might contain brings me closer to understanding of how a flexible discourse model can be built (a model that can support different genres and different authoring strategies).

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### **What I'm doing**

Working with Federica on adaptation strategies for different layers of the article building process. First, Federica tries to implement discourse role adaptation rules (*until 20<sup>th</sup> of October*). These rules do not require strong integration with my current program which is work in progress. At the second stage Federica will implement adaptation for the coherence rules and we will integrate them with my article building process (*until 1<sup>st</sup> of November if we are lucky*).

### **Why I'm doing this**

To investigate different possible adaptation strategies for the discourse model. As far as we found out, adaptation at the discourse rules level is a new area in adaptation.

### **How this contributes to my thesis**

This work gives me a better understanding of what rules my discourse model can

include and what the possible ways are for changing/extending them. Sample becomes more user-oriented.

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**What I'm planning to do**

To test the new discourse model on various examples of articles. Make necessary adjustments.

**What I'm planning to do**

To verify whether this discourse model is appropriate for various genres.

**What I'm planning to do** (*until 1<sup>st</sup> of December*)

Write a journal paper that extends HT Workshop paper and presents my current developments in building flexible discourse model.

**What I'm planning to do** (*to have a draft before Federica leaves*)

Write a journal/conference paper with Federica about discourse model adaptation.