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Executive Summary

- Many companies already have a **specific layout** for their process plans, often, for easier editing and publishing throughout the organization, on Microsoft PowerPoint slides.

- These layouts and the specific syntax on the created plans are **agreed on** in the company, sometimes with help of external consultants.

- Already existing process modeling environments like ARIS or ADONIS are **not very flexible** when it comes to non-standard publication layouts.

- Our editor uses a **DSL** constructed specifically for the plans used by the company and is flexible enough to be **easily adapted** to changes or improvements to **layout** and/or **logic** behind it.

- Using AJAX technology, the editor is web-based and can therefore easily adjusted.
(Exemplary) Layout to be used
Tasks

- Editor for Milestone-plans
  - Use layout and logic determined by company
  - Multi-user application
  - DragAndDrop-Editor
  - Simple usability (e.g. like Microsoft PowerPoint)
  - Formal data-model to ensure consistency

- Technology:
  - File-based documents, representing instances of the process-DSL
  - Separation between layout and data
  - Web-based (no installation (not even Browser-Plugins like Macromedia Flash) necessary)
  - Server-side handling of document storage
Technology

- Java + Google Web Toolkit

- Advantage: Development and testing is done in plain JAVA (and not e.g. JavaScript)

- GWT-DND: DragAndDrop-Library for GWT
- Application Deployment in Apache Tomcat
- Eclipse IDE
- MontiCore: Used to generate parser, lexer and AST for the data-model
- Startpage with menu-bar in Microsoft Windows-Style
- Milestone-plan editor with three areas:
  - Easy to use with simple Drag ‘n Drop from the toolbox to the WYSIWYG-area
  - Elements in the plan can be clicked and edited with the Objectinspector
Thank you!