

NoE Deliverable D2.8

Report of **Exemplar Project 6** (EP6) after 12 months

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1. What deliverable/milestones have you addressed in this period? Are they just started, in progress, or complete?

The EP6 project ("*Establishing ontology-based methods to improve interoperability between data and models for the VPH ToolKit: the Guyton case study*") started in Feb 2010. Developer Sarala Wimalaratne has been hired to assist with this work.

While the project *per se* has just started, we already have (i) identified the main categories of variables in the Guyton model (state, constitutive and computational variables), and (ii) are designing the ontology-based approach for their consistent annotation. This work involves regular conference call meetings between the EBI, University of Washington and CNRS partners. Furthermore, the EBI partner has developed a simple visualization tool to allow the navigation of variable information in a simple graphical manner (see sample image attached).

2. Have you encountered any particular problems or challenges in this period? If yes, what?

The key challenge at this stage is to classify all variables in the Guyton model into appropriate categories (see above) and to plan how best to support external user interaction with the mapping dataset this EP plans to generate.

3. Have you made any deviations from your original work plan in this period?

No deviations were experienced.

