Annex G
(informative)

Application reference model

This annex provides the application reference model (ARM) for this part of ISO 10303. The application reference model is a graphical representation of the structure and constraints of the application objects specified in clause 4. The application reference model is independent from any implementation method.

The graphical form of the application reference model is presented in EXPRESS-G. Figures G.1 to G.19 give the ARM for this part of ISO 10303.

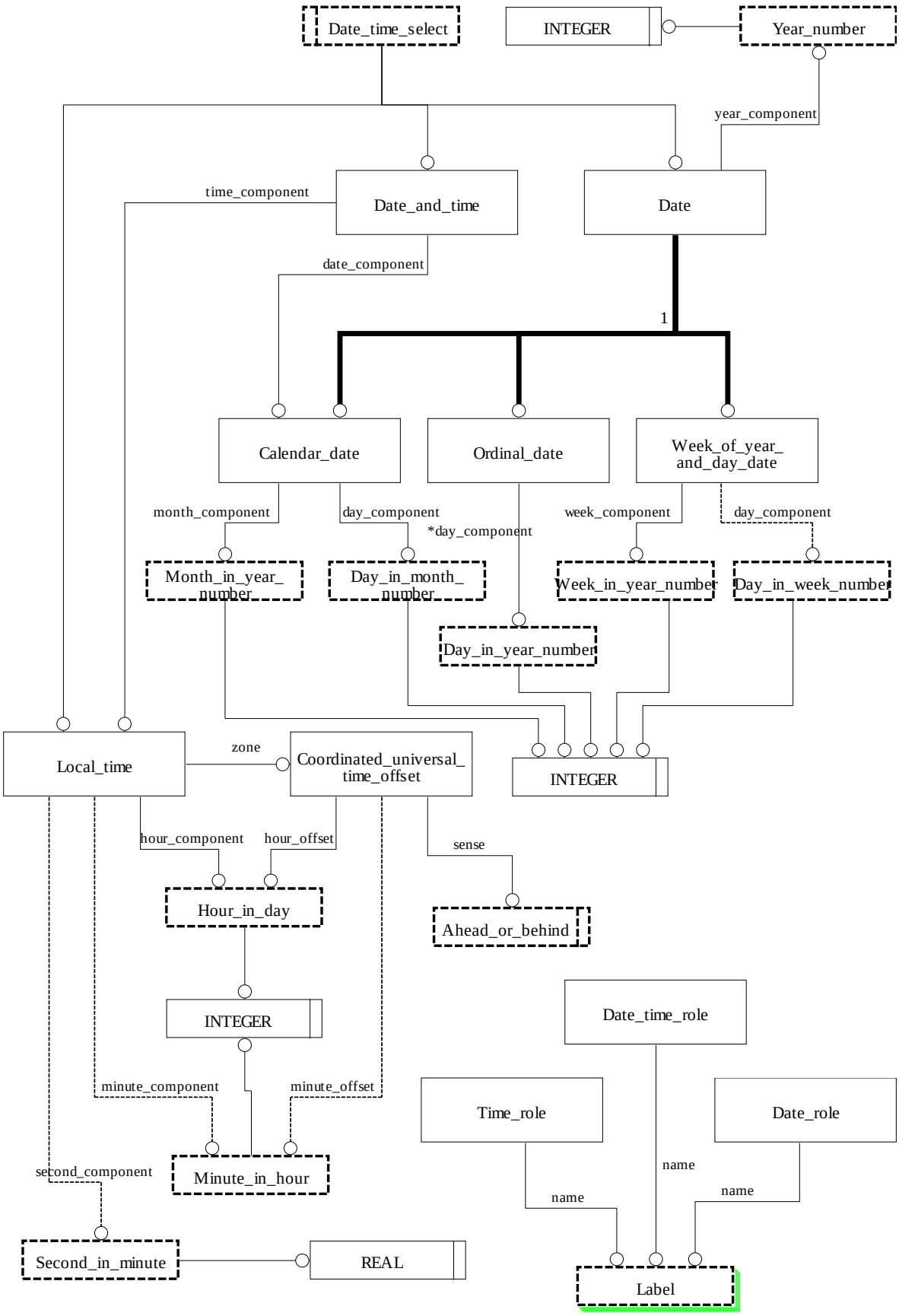

Figure G.1 - Graphical notation of the major aspects of the date_and_time UoF schema (figure 1 of 1)

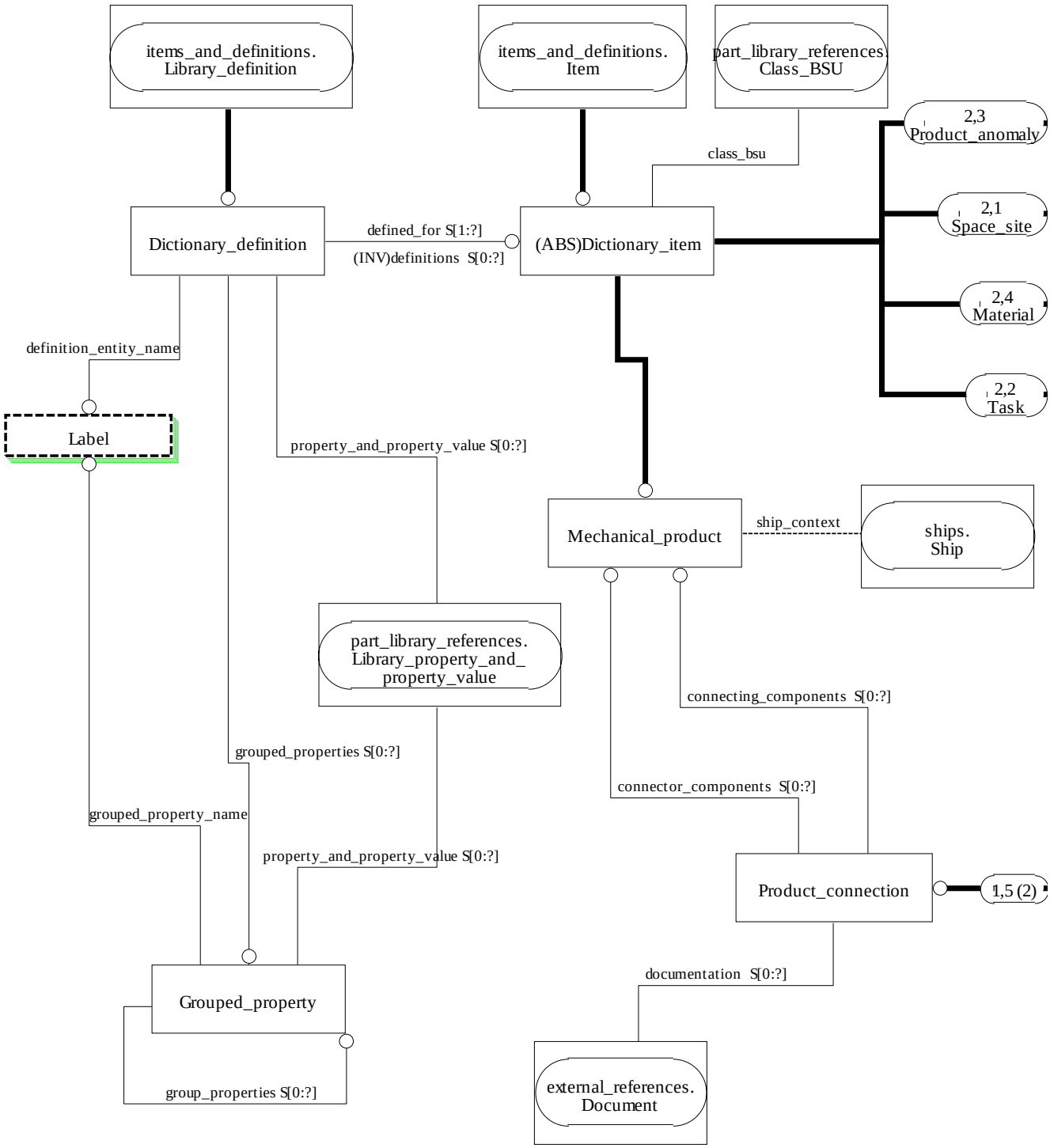

Figure G.2 – Graphical Notation of the major aspects of the dictionary_items_and_definitions UoF schema (figure 1 of 2)

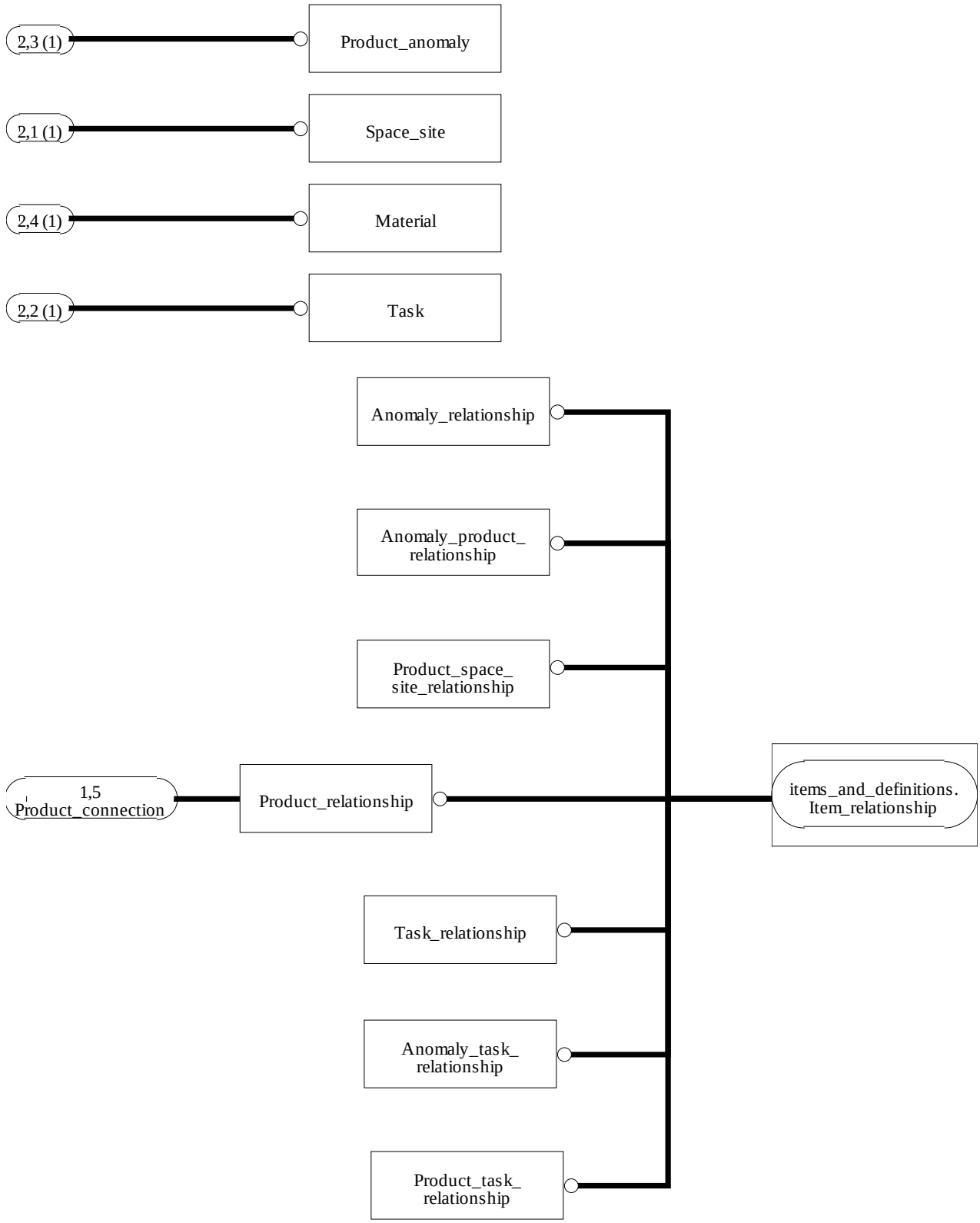

Figure G.3 - Graphical Notation of the major aspects of the dictionary_items_and_definitions UoF schema (figure 2 of 2)

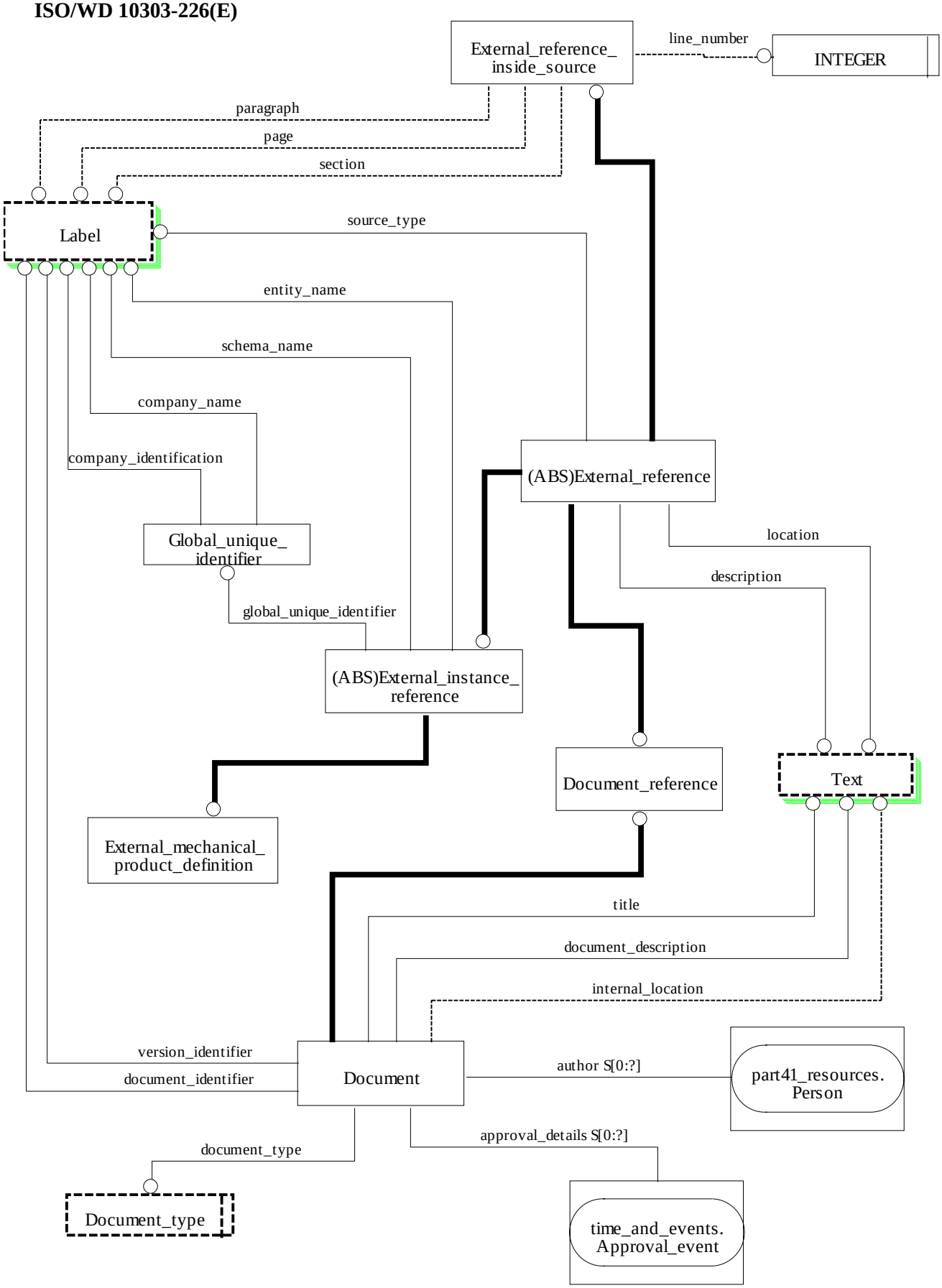

Figure G.4 - Graphical notation of the major aspects of the external_references UoF schema (figure 1 of 1)

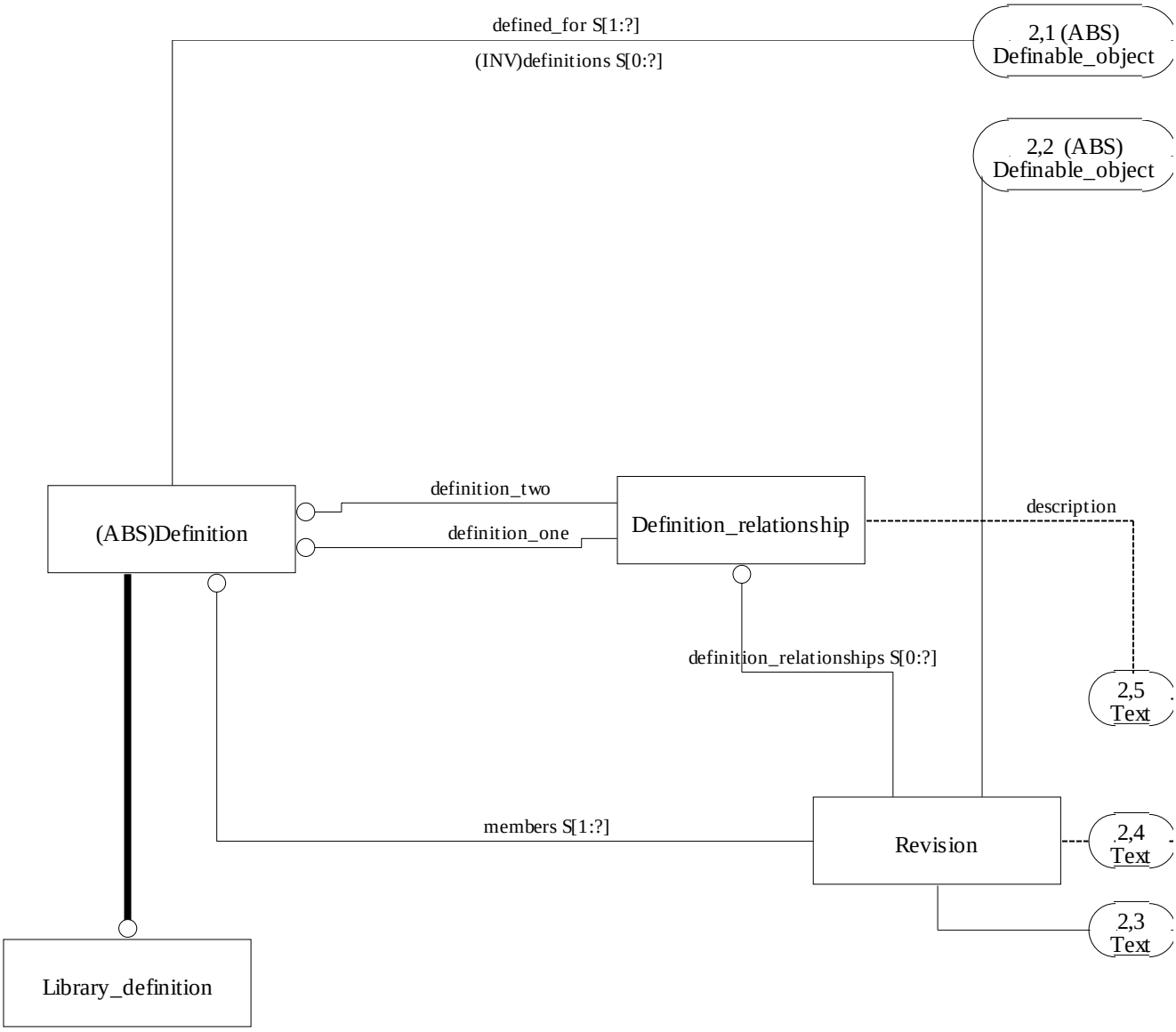

Figure G.5 - Graphical notation of the major aspects of the items_and_definitions UoF schema (figure 1 of 2)

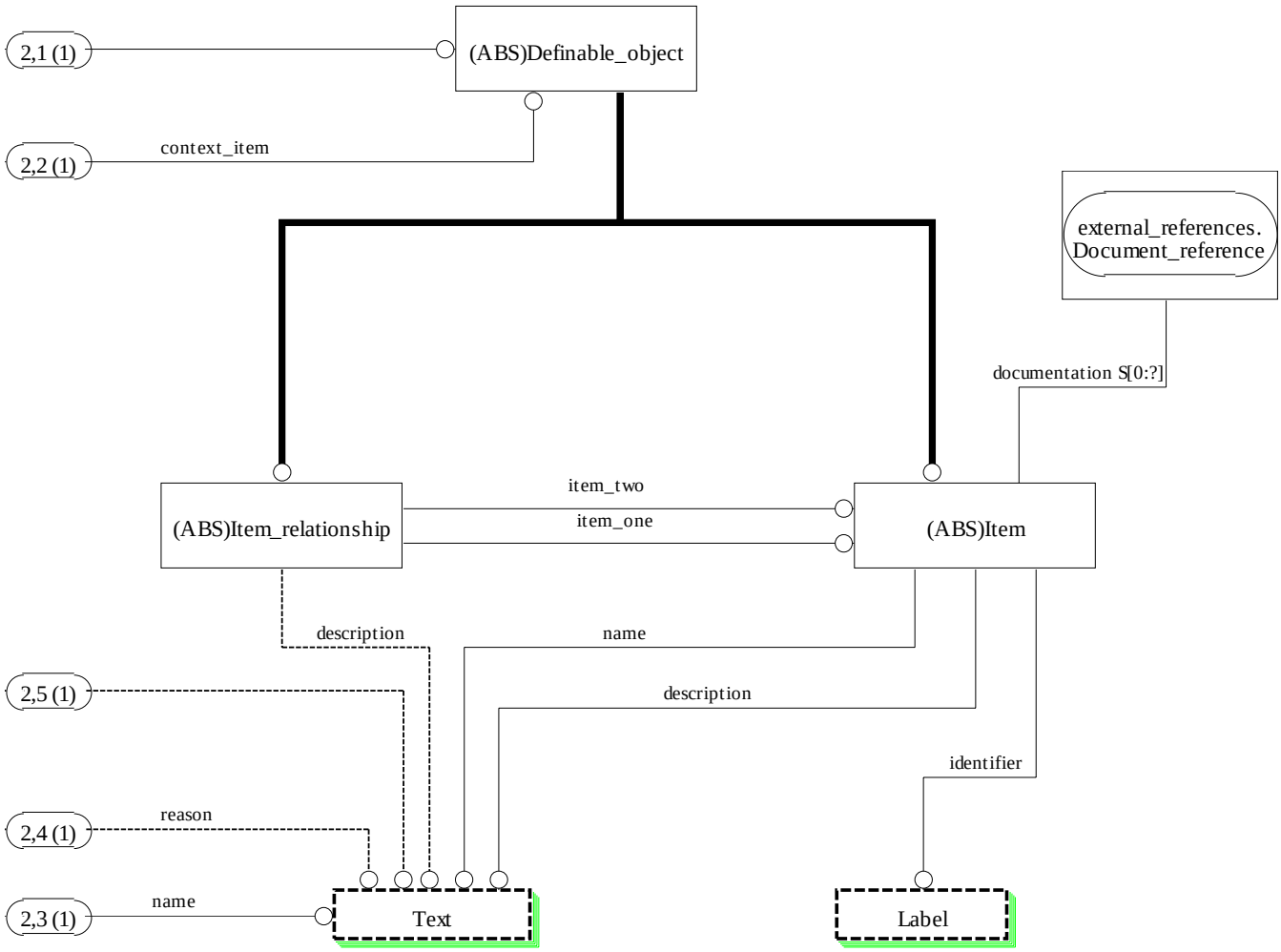

Figure G.6 - Graphical notation of the major aspects of the items_and_definitions UoF schema (figure 2 of 2)

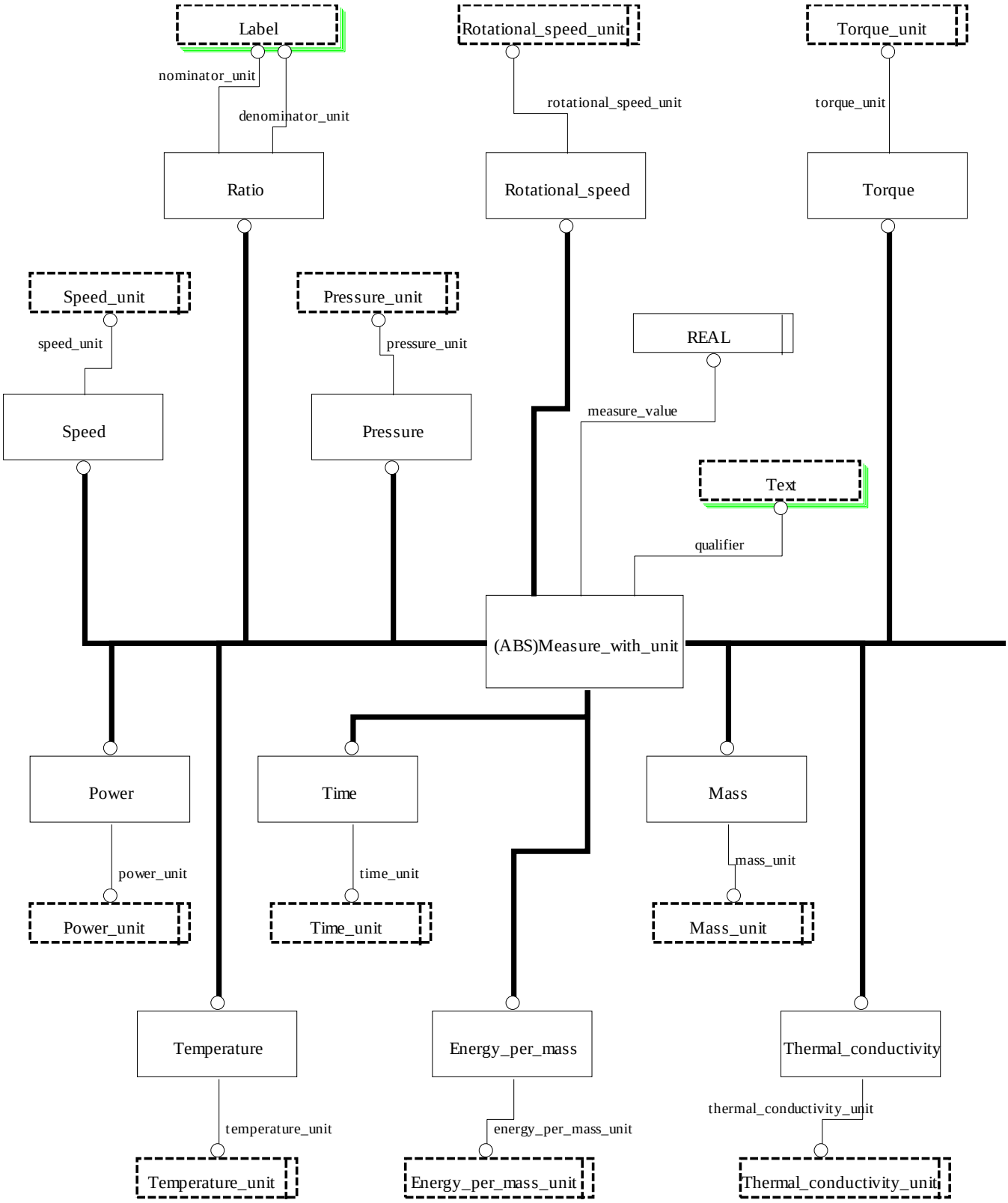

Figure G.7 - Graphical notation of the major aspects of the measure_with_units UoF schema (figure 1 of 3)

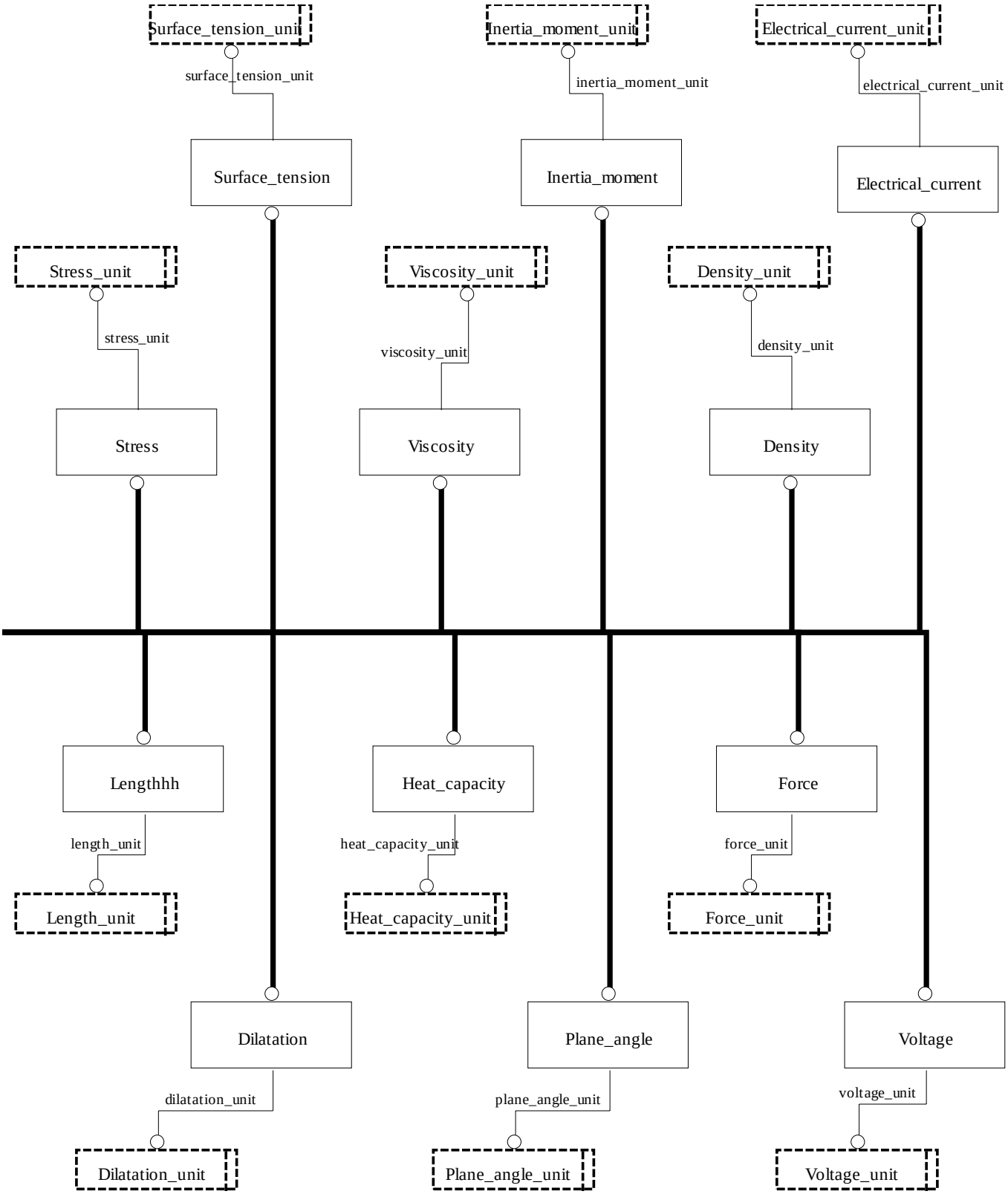

Figure G.8 - Graphical notation of the major aspects of the measure_with_units UoF schema (figure 2 of 3)

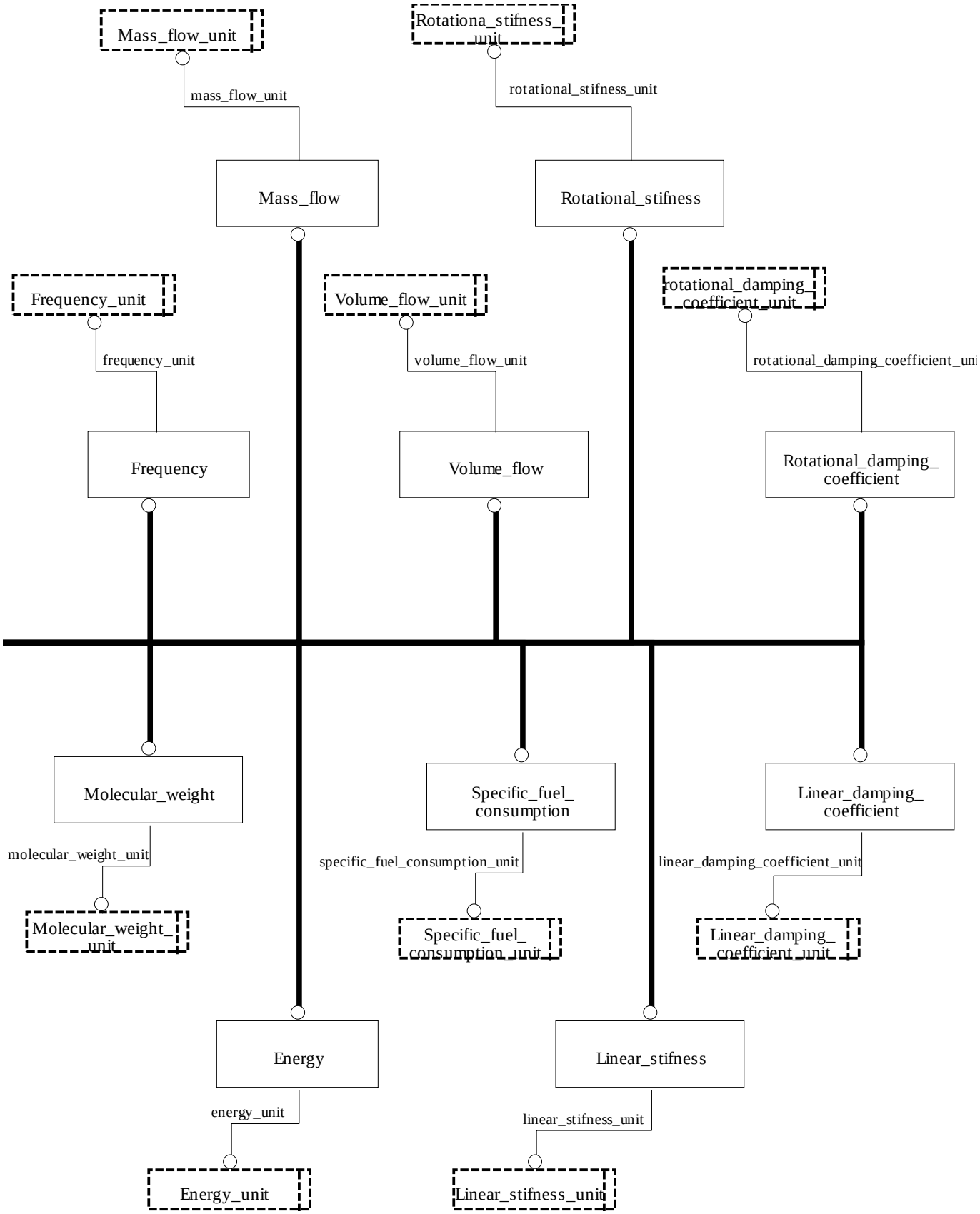

Figure G.9 - Graphical notation of the major aspects of the measure_with_units UoF schema (figure 3 of 3)

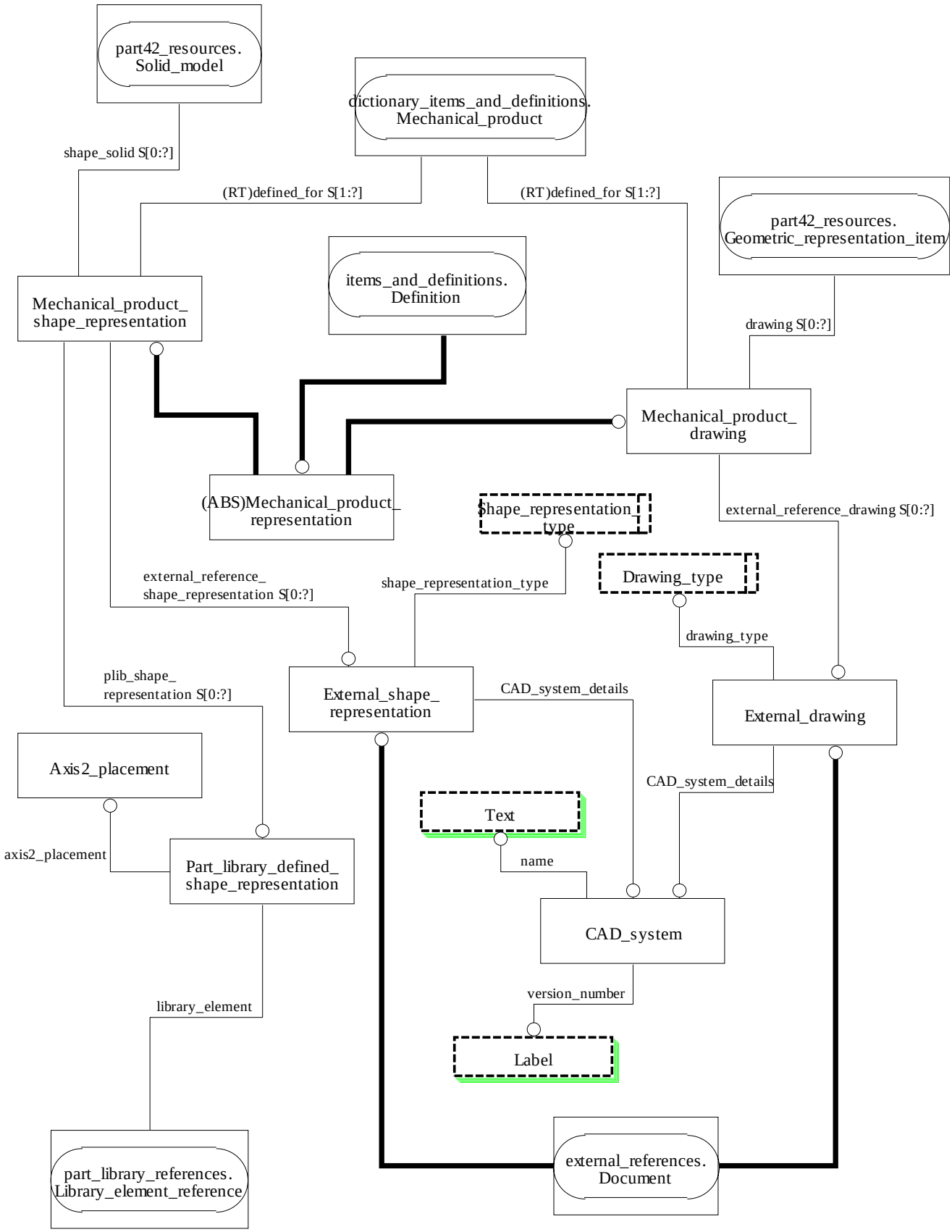

Figure G.10 - Graphical notation of the major aspects of the mechanical_product_representations UoF schema (figure 1 of 1)

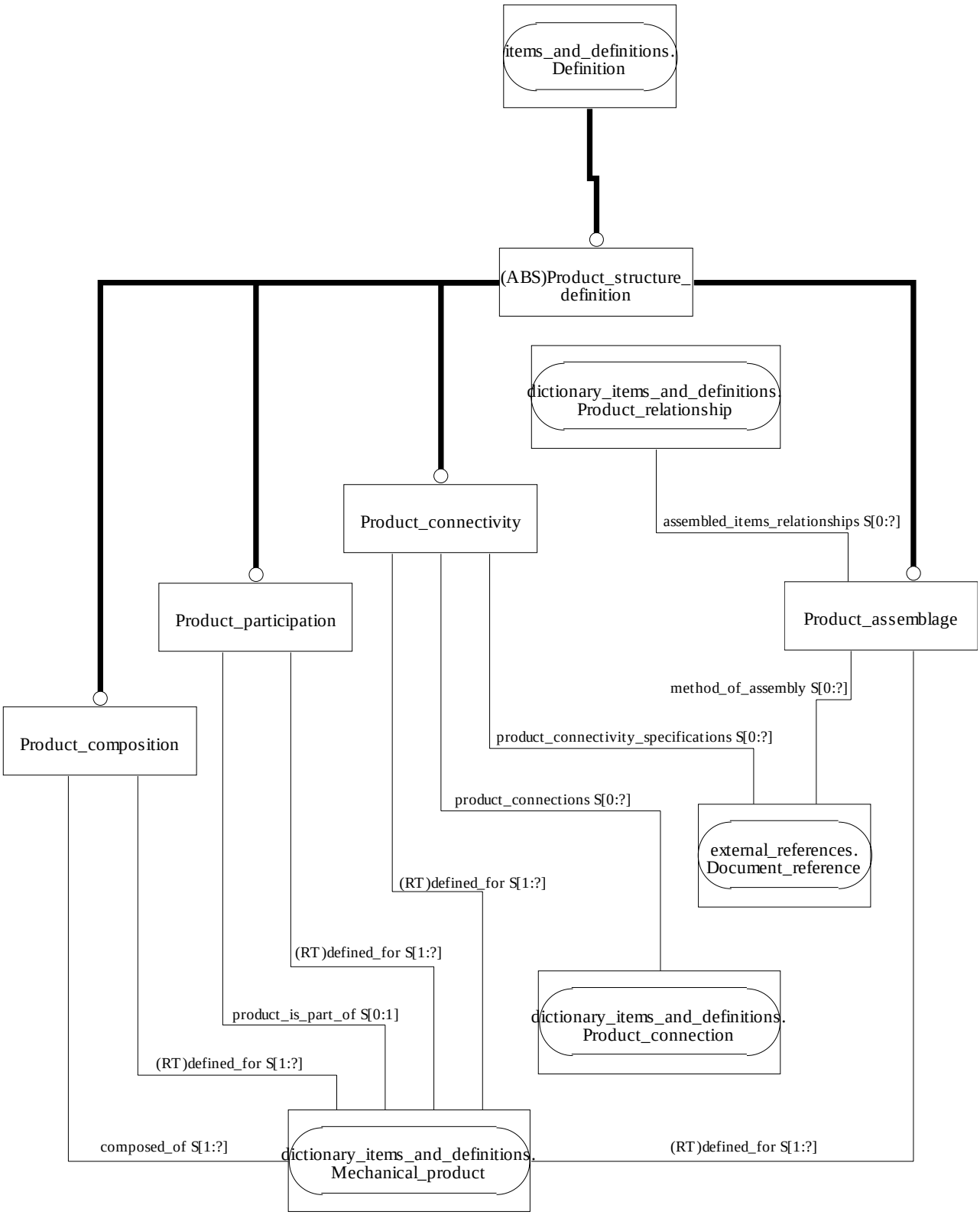

Figure G.11- Graphical notation of the major aspects of the mechanical_product_structures UoF schema (figure 1 of 1)

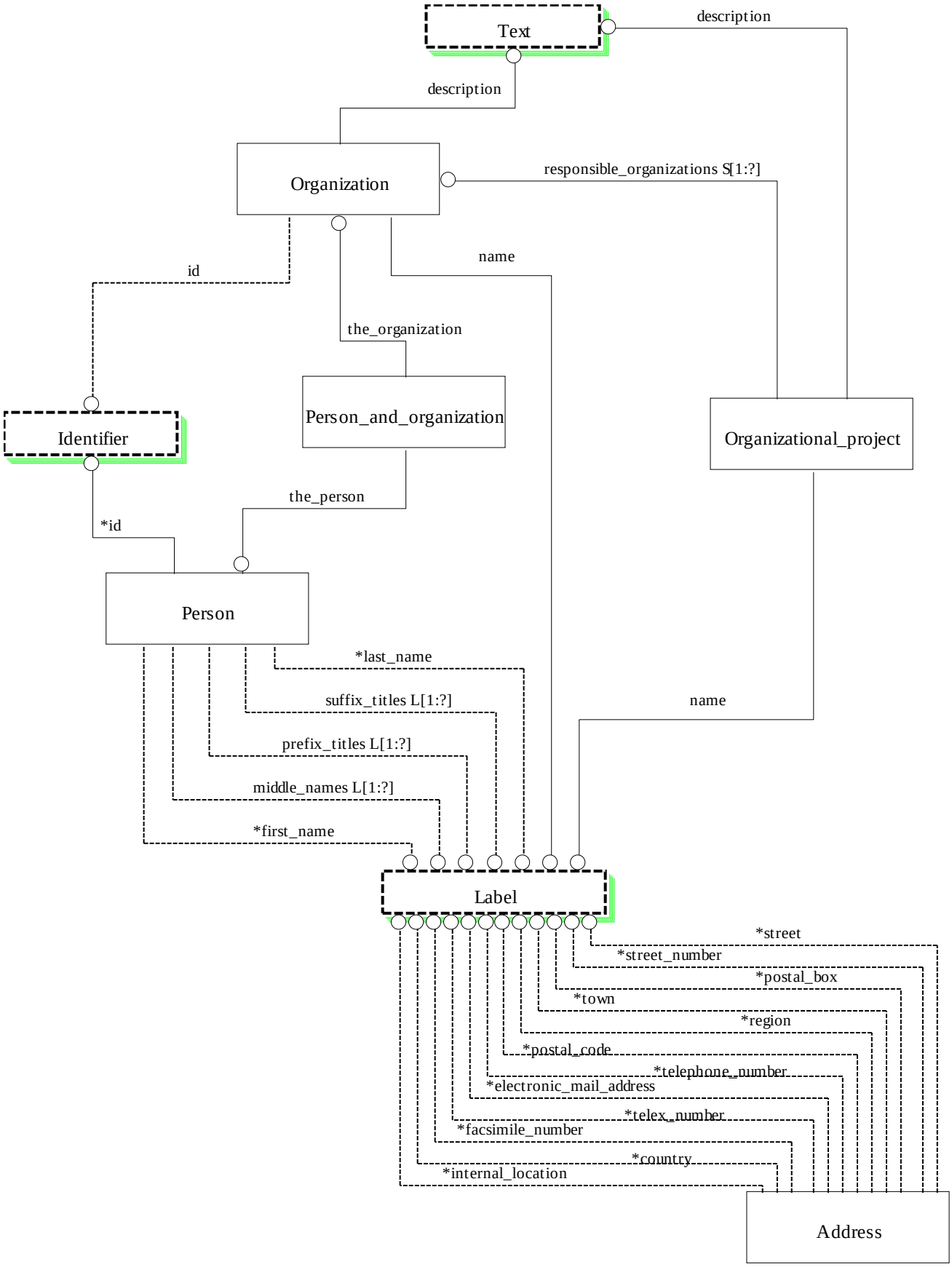

Figure G.12 - Graphical notation of the major aspects of the part41_resources UoF schema (figure 1 of 1)

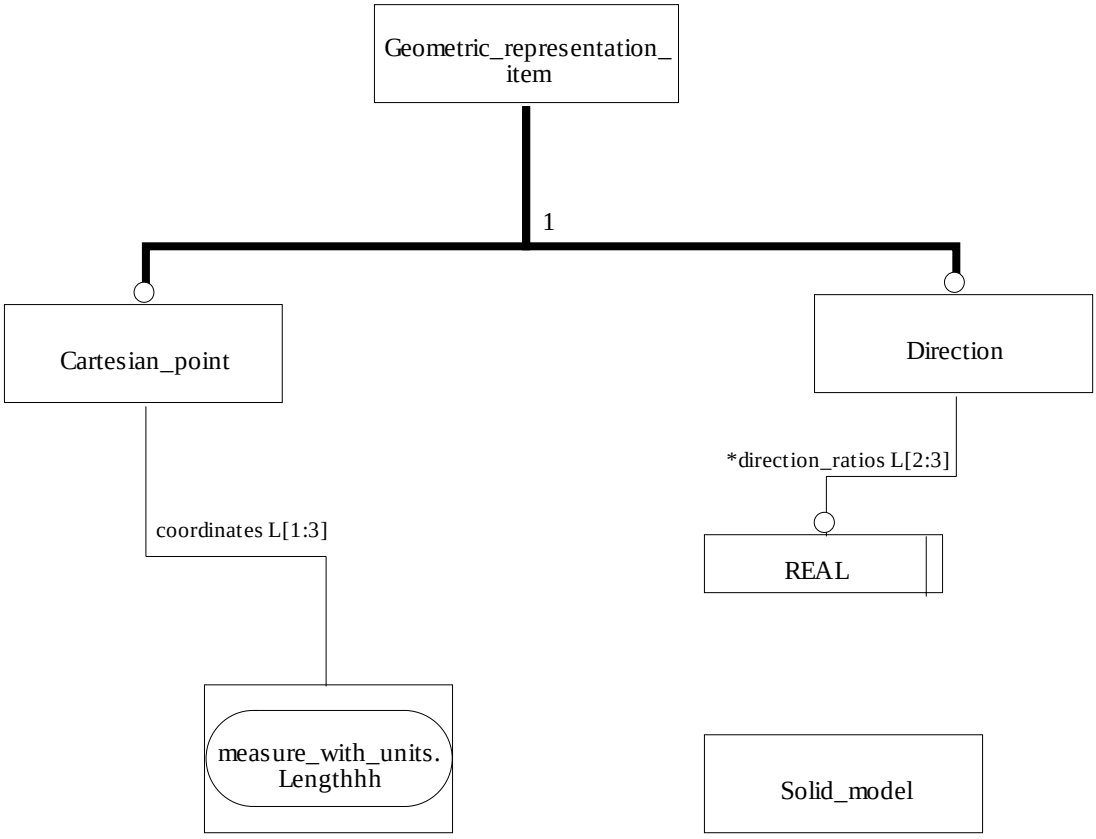

Figure G.13 - Graphical notation of the major aspects of the part42_resources UoF schema (figure 1 of 1)

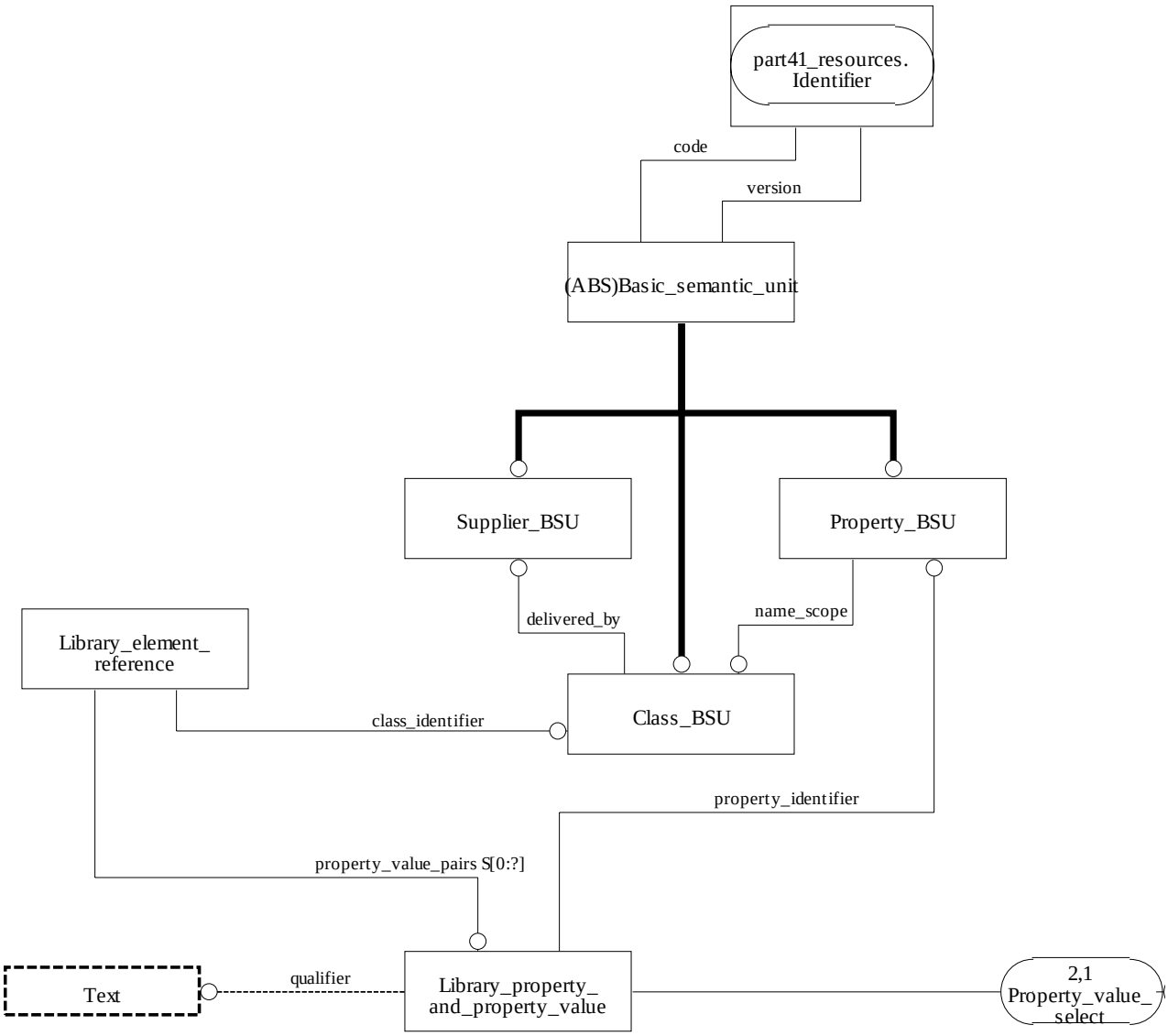

Figure G.14 - Graphical notation of the major aspects of the part_library_references UoF schema (figure 1 of 2)

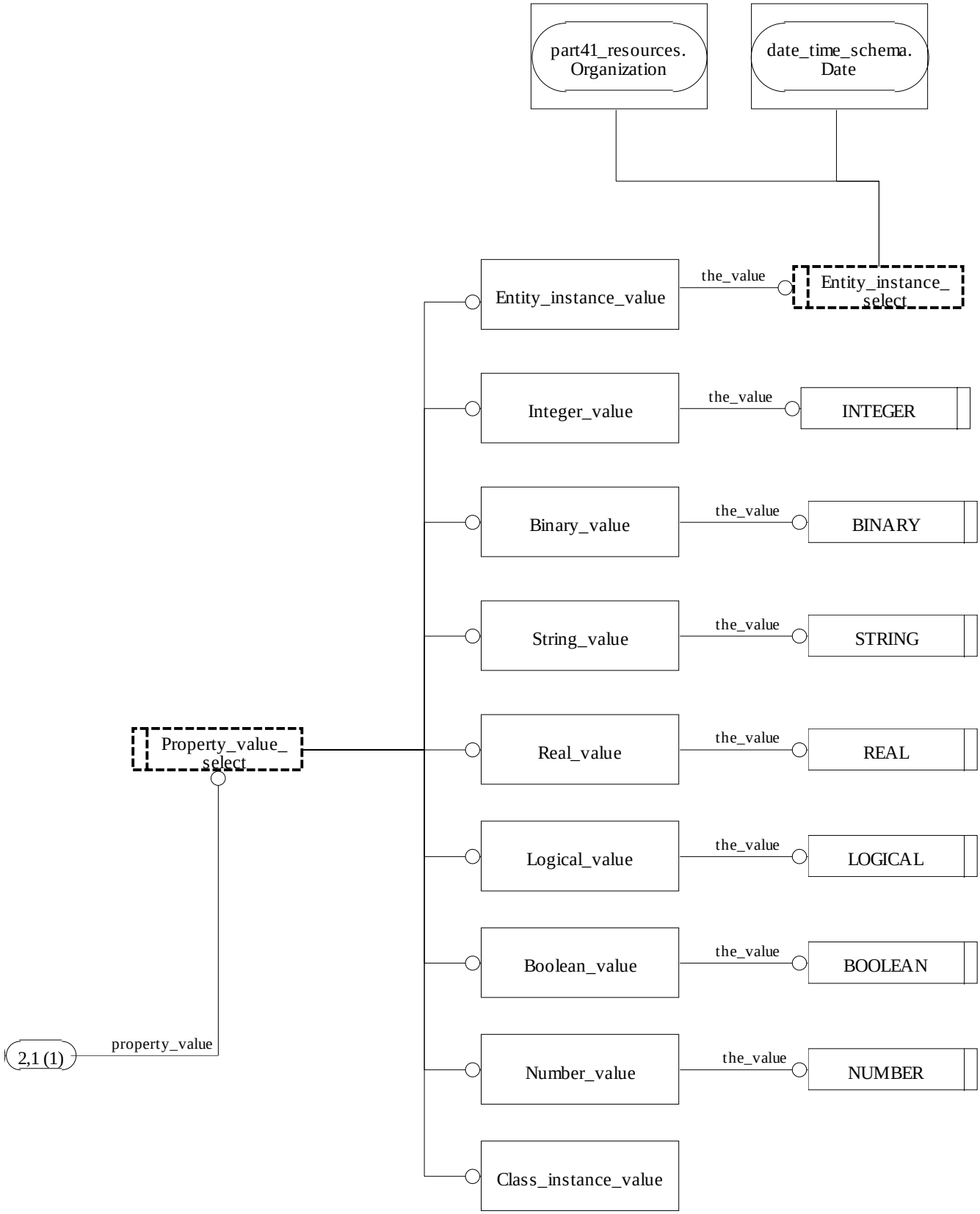

Figure G.15 - Graphical notation of the major aspects of the part_library_references UoF schema (figure 2 of 2)

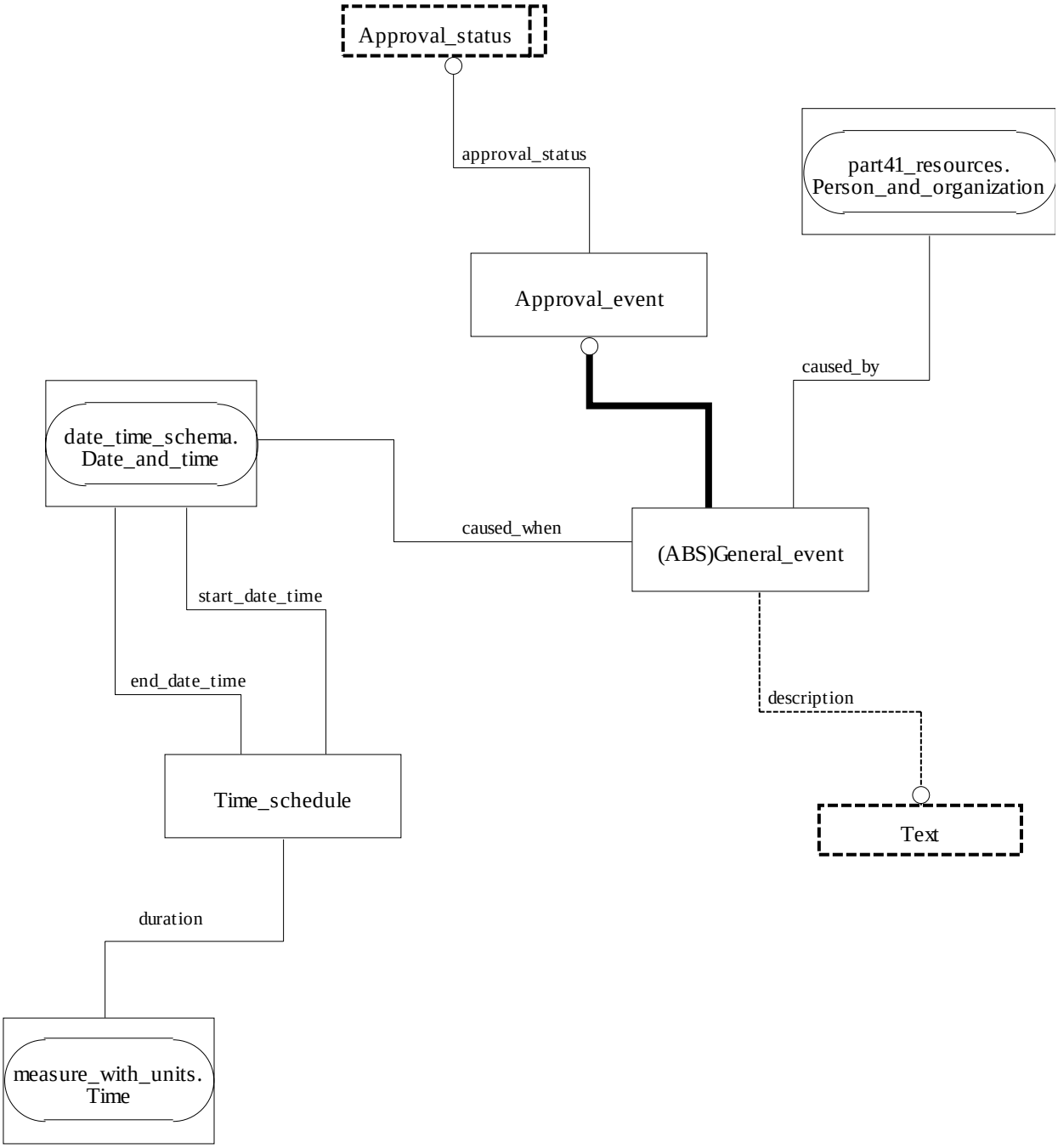

Figure G.16 - Graphical notation of the major aspects of the schedule_and_events UoF schema (figure 1 of 1)

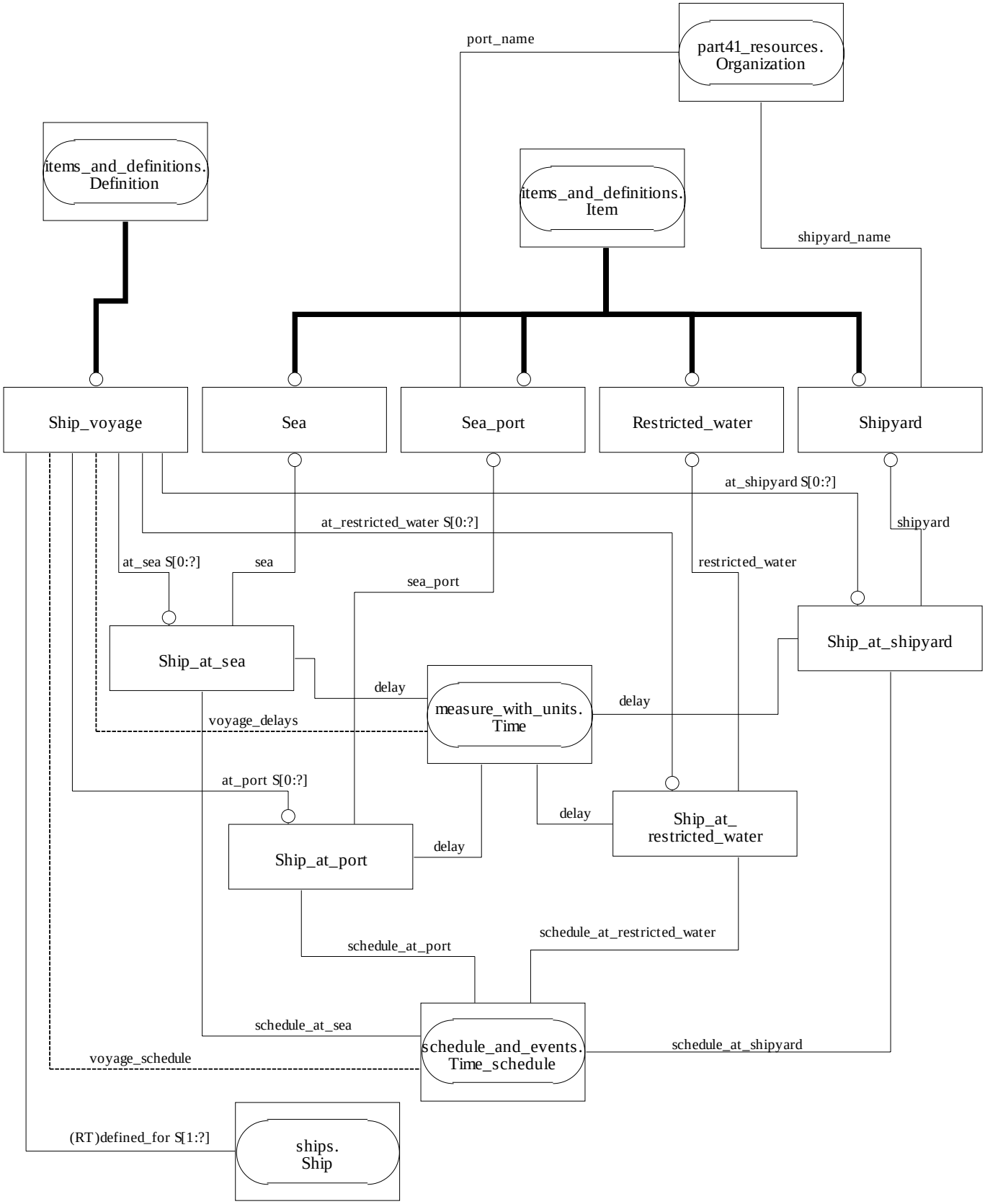

Figure G.17 - Graphical notation of the major aspects of the ship_voyages UoF schema (figure 1 of 1)

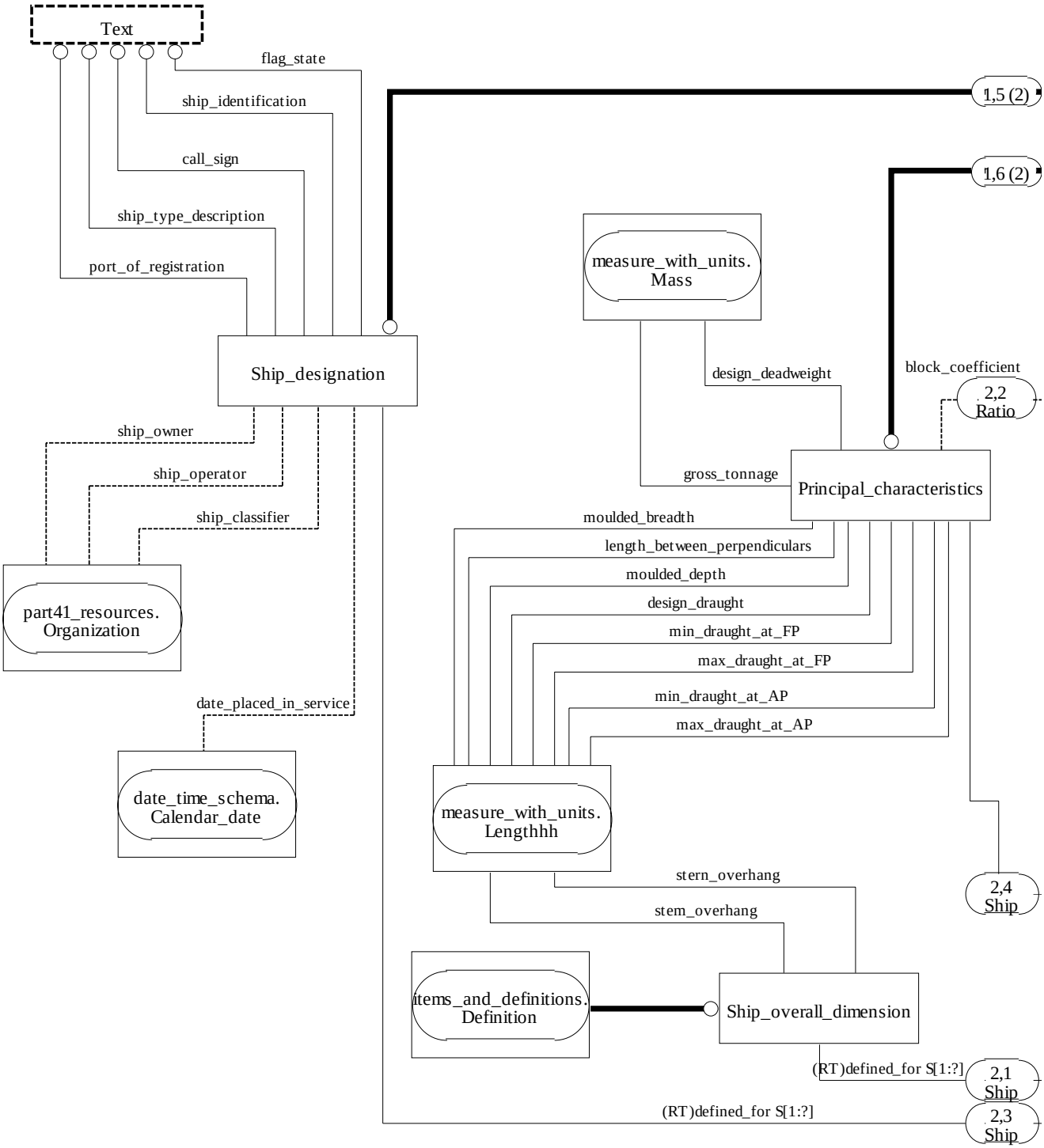

Figure G.18 - Graphical notation of the major aspects of the ships UoF schema (figure 1 of 2)

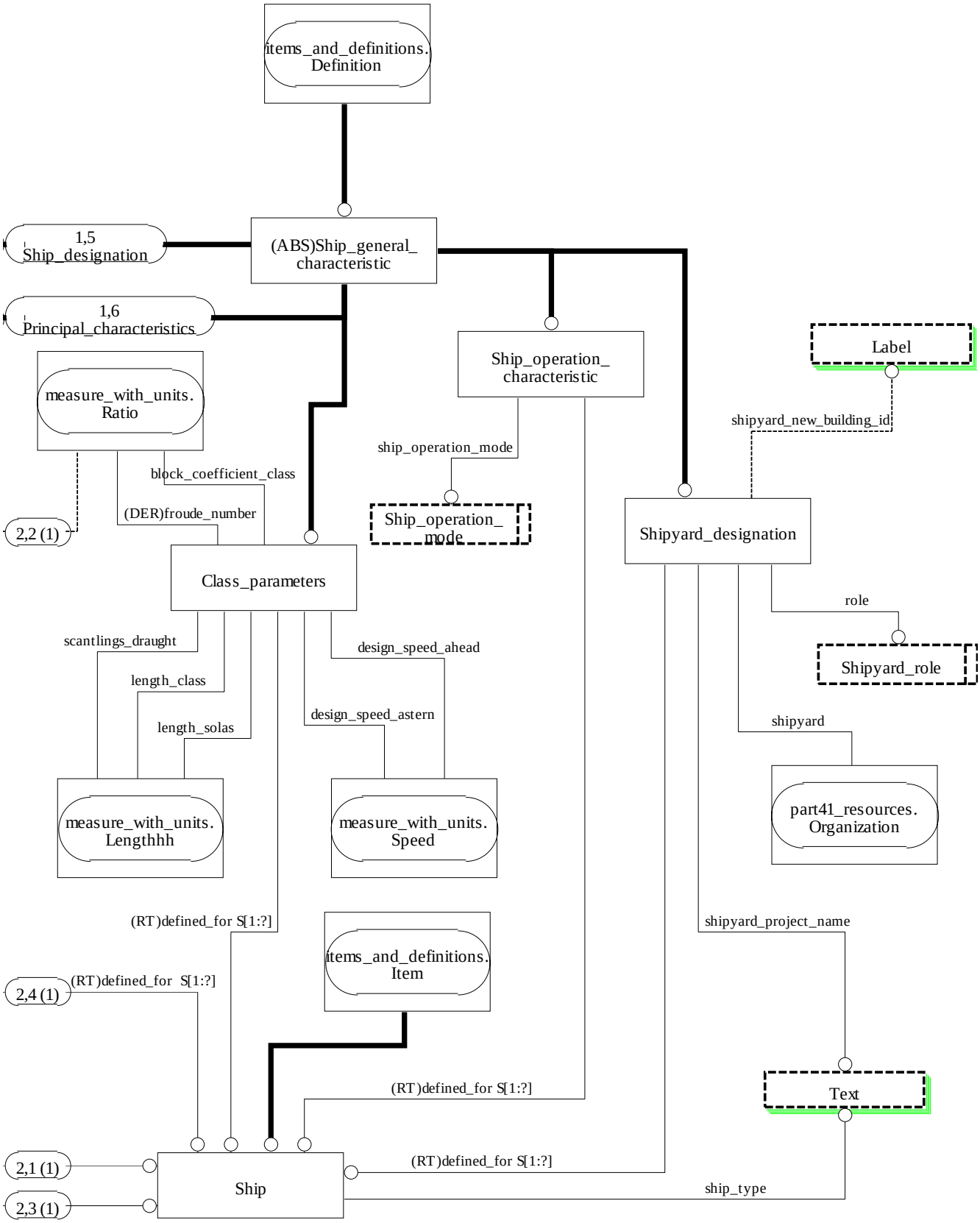

Figure G.19 - Graphical notation of the major aspects of the ships UoF schema (figure 2 of 2)