Automated Diagram Drawing

Who? John Howse, Peter Rodgers and Gem Stapleton

From? University of Brighton and University of Kent
{john.howse,g.e.stapleton}@brighton.ac.uk
p.j.rodders@kent.ac.uk
www.eulerdiagrams.com

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1.1 Application Areas
A and B are disjoint and C is a subset of A
Representing five intersecting sets... and a pretty picture.
Application Areas:
Visualizing Genetic Set Relations (Kestler et al.)
Application Areas:
Statistical Data (Artes et al.)
Application Areas:
Area Proportional (Chow)
Application Areas:
Information Visualization
Application Areas:
Directories
Application Areas: Modelling: Invariant

Any title cannot be both loaned and reserved by any member at the same time.
Application Areas: Modelling: Event

Event: \( \text{CFS AddItem}(c,i,d) \)
Application Areas: Modelling: Query

Query: \( CFS \ items(c) \rightarrow I \)
Application Areas: Diagrammatic Reasoning
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Diagrammatic Reasoning
Application Areas:
Diagrammatic Reasoning

\[ A \cap B \]

\[ d_1 \]

\[ A \cup B \]

\[ d_2 \]
Application Areas: RDF graph
Application Areas: Linking RDF graphs
Application Areas:
Ontology

Protege output
Application Areas: Ontology Specification

ont_spec: nMeeting

- Location
- Topic
- Meeting
- AgendaItem
- Document
- Participant
- MeetingHost
- Topic
- Agenda
- Location
- Name
- Participants
- AgendaItem
- Document
- ResponsibilityOf
- Documents
- Ont_spec: nMeeting
- Name
- Participant
- Topic
- AgendaItem
- Document
- ResponsibilityOf
- Documents
- Ont_spec: nMeeting
- Name
Application Areas: Ontology Query

Ont_Query: nMeeting getDocuments(m) → D
Application Areas:
Ontology Reasoning

\[ D_1 \]

\[ D_2 \]

\[ D_3 \]

\[ D_4 \]