

# Grapple Authoring Tool (GAT)

**Maurice Hendrix, demo at ECTEL2009**

maurice@dcs.warwick.ac.uk

<http://www.dcs.warwick.ac.uk/~maurice>

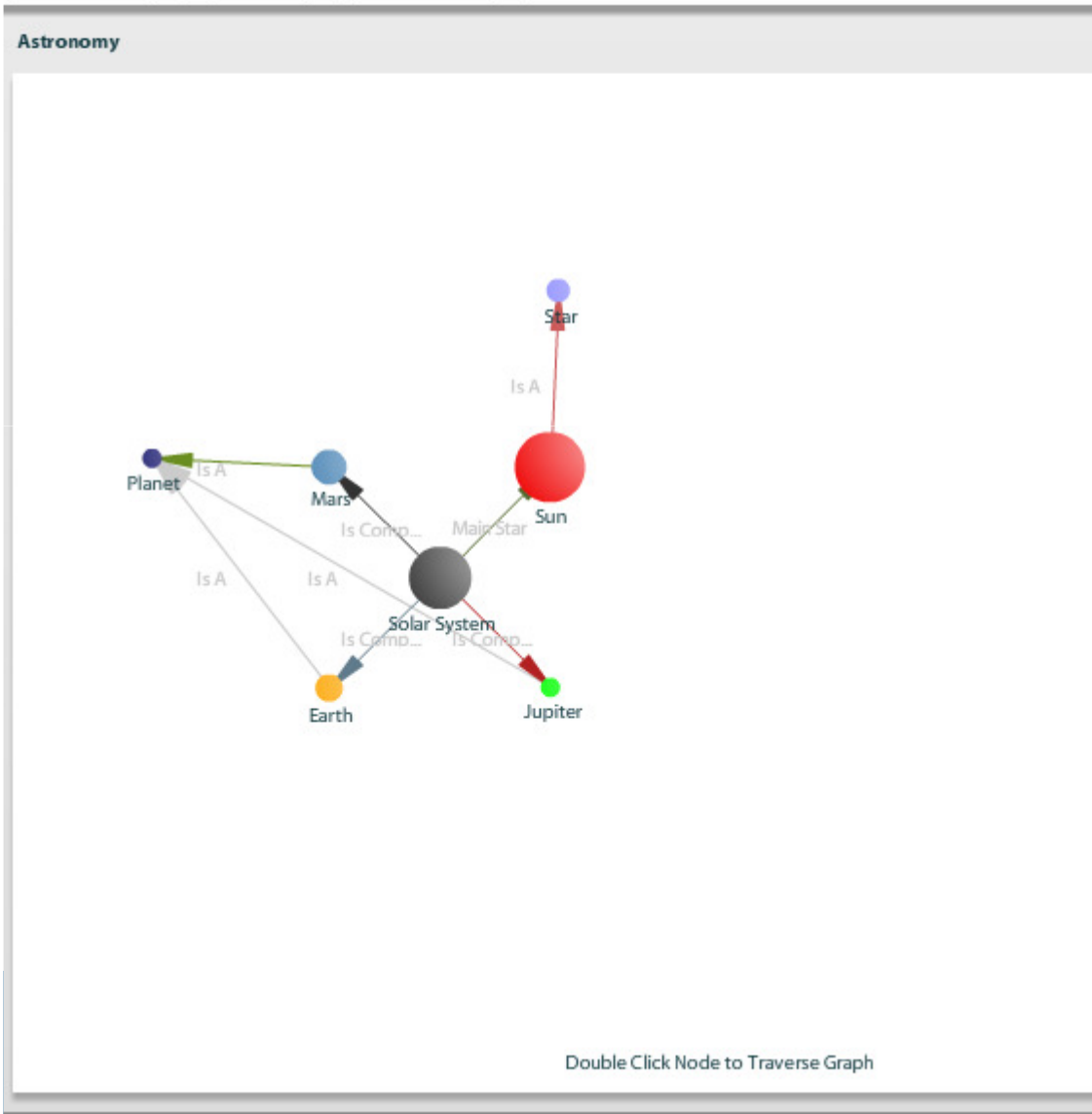
THE UNIVERSITY OF  
WARWICK

# Outline

- DM Tool
- CRT Tool
- CAM Tool
- Tool Integration

# DM Tool

Domain Map ▾ Concept ▾ Relationship ▾



**Edit Concept - "Solar System"**

**Attributes**

Description

Keywords

**Add Attribute**

**Relationships**

Concept	Name	Edit	Remove
Sun	main star	<input type="button" value="V"/>	<input type="button" value="X"/>
Jupiter	is-composed	<input type="button" value="V"/>	<input type="button" value="X"/>
Earth	is-composed	<input type="button" value="V"/>	<input type="button" value="X"/>
Mars	is-composed	<input type="button" value="V"/>	<input type="button" value="X"/>

**Add Relationship**

**Resources**

Name	Preview	Edit	Remove	Composite
Sun	<input type="button" value="V"/>	<input type="button" value="V"/>	<input type="button" value="X"/>	no
Jupiter	<input type="button" value="V"/>	<input type="button" value="V"/>	<input type="button" value="X"/>	no
Earth	<input type="button" value="V"/>	<input type="button" value="V"/>	<input type="button" value="X"/>	no
Mars	<input type="button" value="V"/>	<input type="button" value="V"/>	<input type="button" value="X"/>	yes

**Add Local Resources** **Add Shared Resources**

# CRT Tool

File Edit VR Simulation Help

Conceptual Relationship Type (CRT)


DM: dm1 Conceptual Relationship Type (CRT) CAM: cam1

### CRT Tool

General Meta Info GAL Code User Model Constraints DM Relations

**Title:** Prerequisite

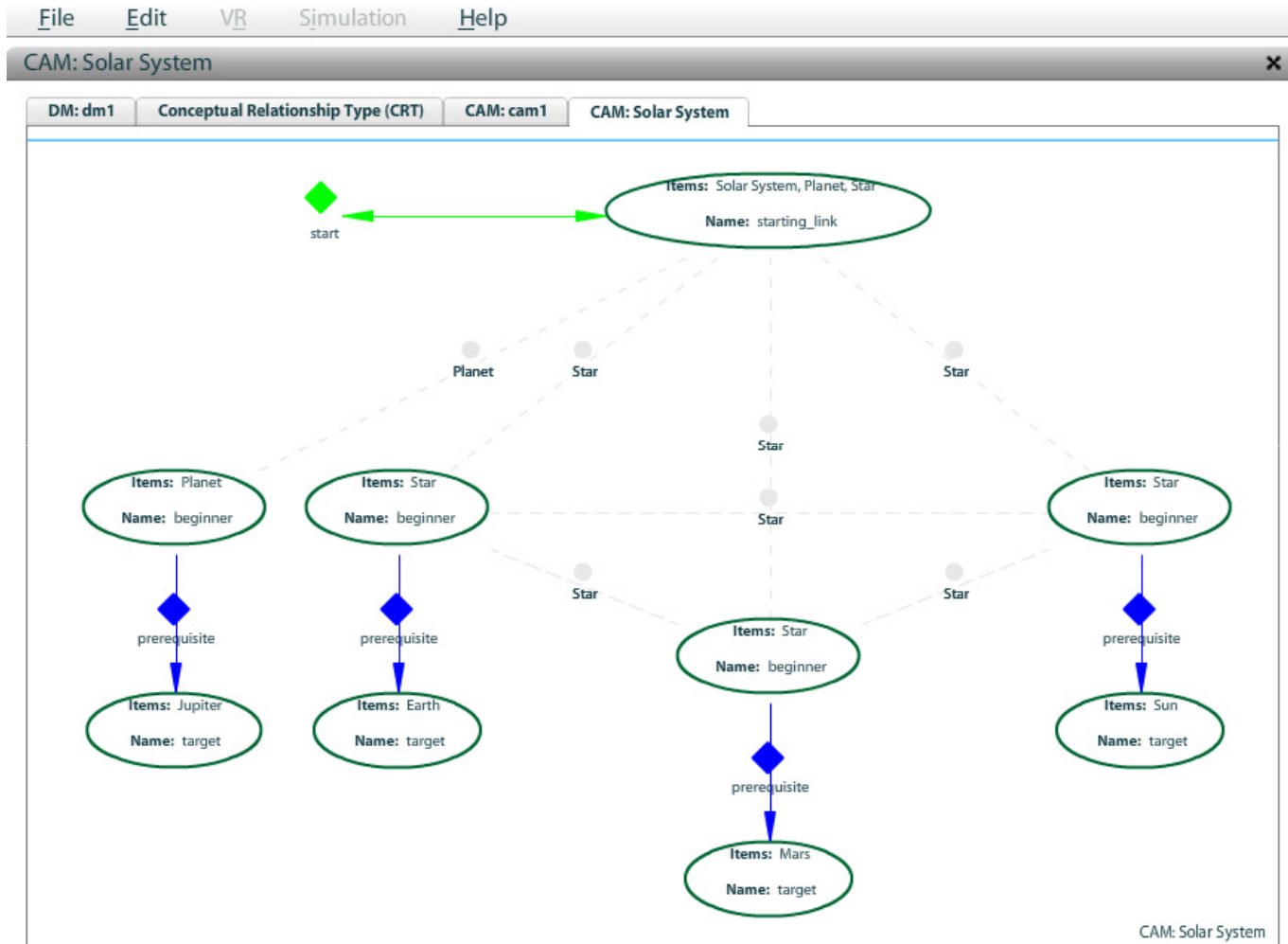
**Description:** With this CRT a prerequisite structure can be created.

**Colour / Shape:** diamond 

**Structure:**  Directed  Undirected

Type: <i>Source Socket</i>	Type: <i>Target Socket</i>
Name: <input type="text"/>	Name: <input type="text"/>
Min Cardinality: <input type="text" value="1"/>	Min Cardinality: <input type="text" value="1"/>
Max Cardinality: <input type="text" value="10"/>	Max Cardinality: <input type="text" value="*"/>

# CAM Tool



# Tool Integration

