

SIPE-2: System for Interactive Planning and Execution

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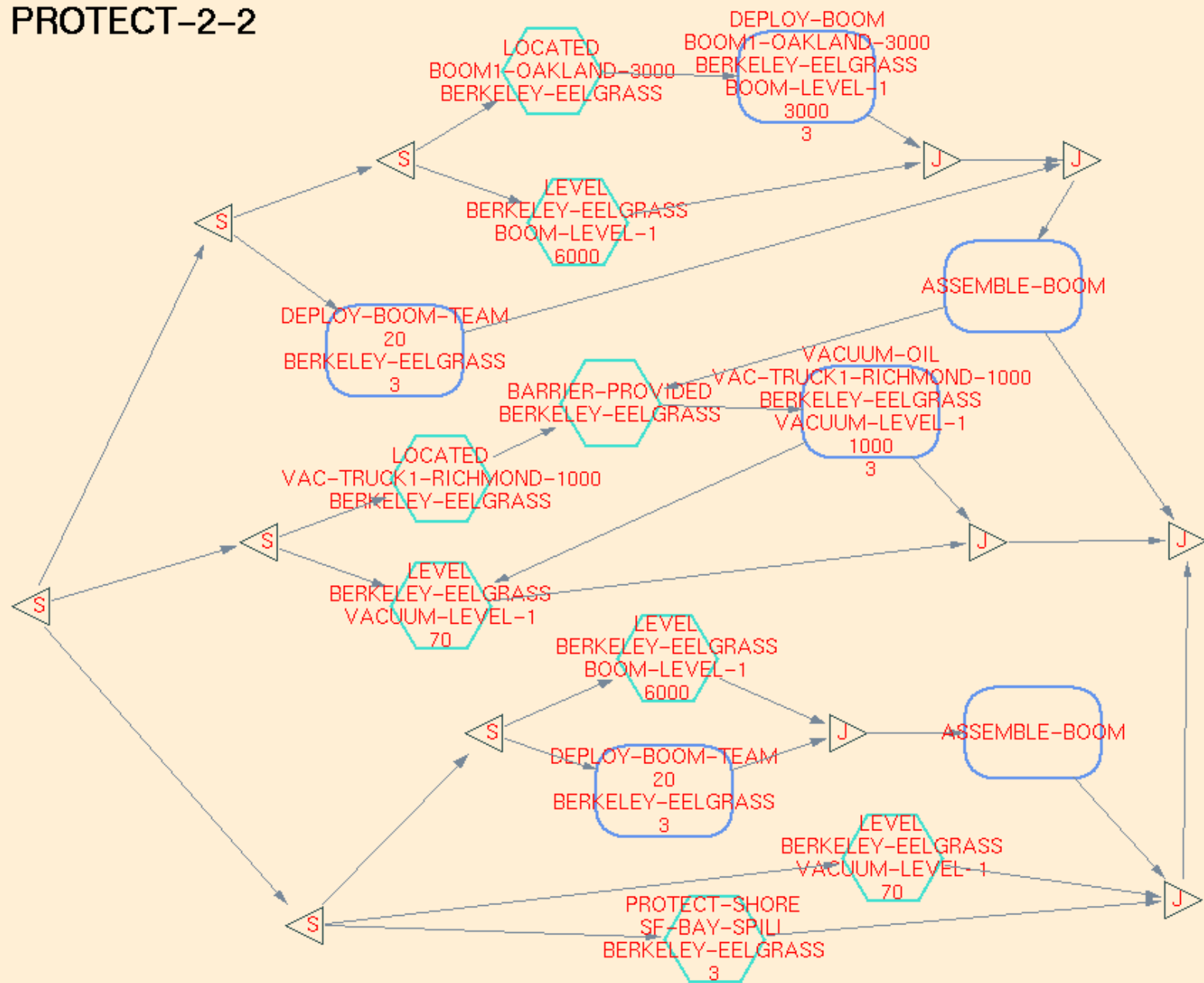
Techniques in SIPE for Real-world Problems

- Multiple abstraction levels
- Parallel actions
- Context-dependent effects
- Constraints (numeric reasoning, particularly temporal)
- Resources (reusable and consumable)
- Heuristics, representations to efficiently reason over actions
- Replanning during execution
- Interactive graphical user interface

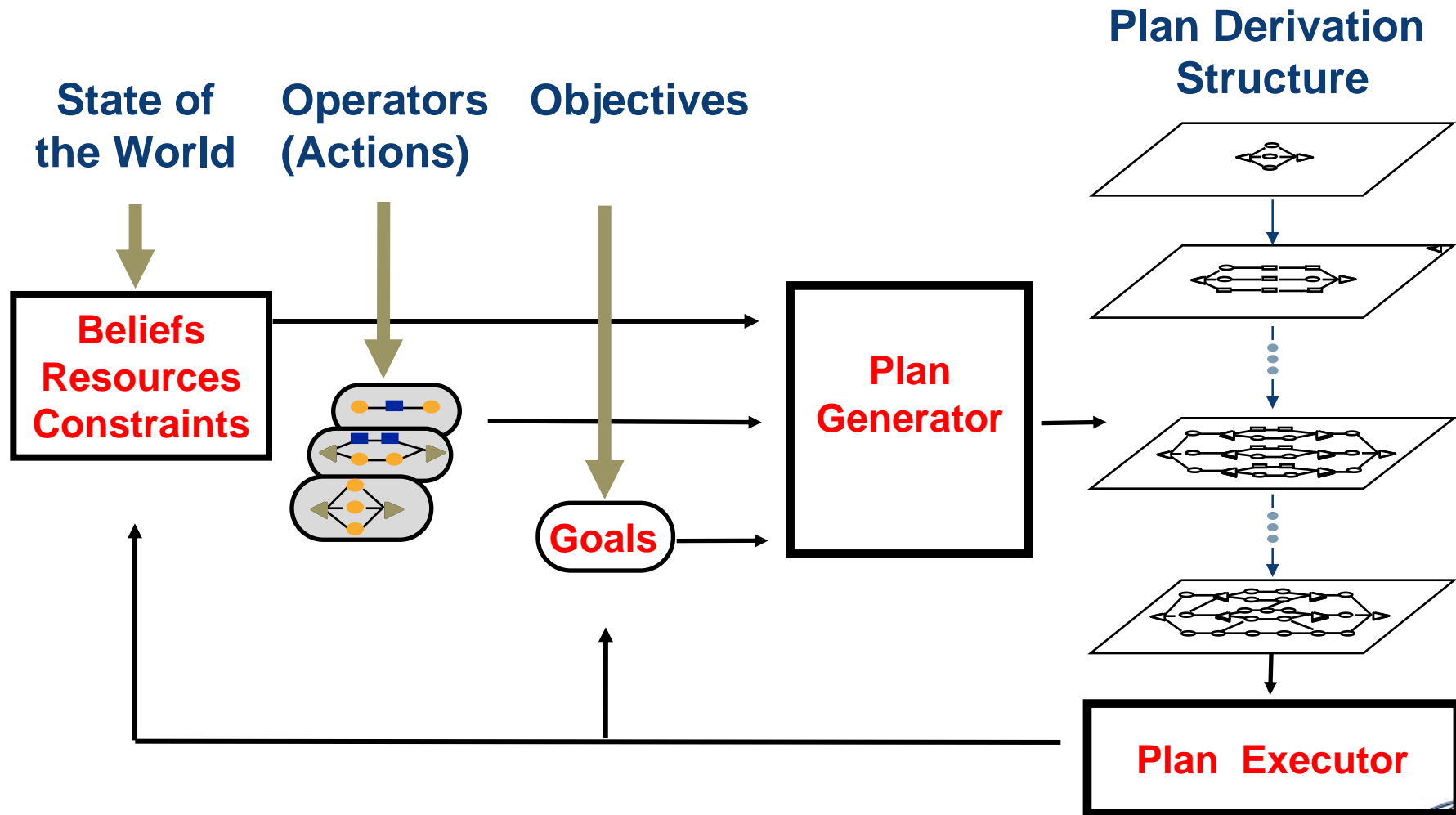
.... Hierarchical Task Network (HTN) planning



PROTECT-2-2



Hierarchical Task Network Planning in SIPE-2



For more information:

- <http://www.ai.sri.com/~sipe/>
- <http://www.ai.sri.com/~wilkins/bib.html>