

Specification and Knowledge Representation

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Specification

- Seeks to find a way to represent the analysis concepts using formal notation or data structures
- Dealing with specification explicitly is a huge advantage when AI needs to be scaled up

Procedural View of AI

- Consider the AI as a single procedure that needs to be passed information to return results or produce outputs
- In C++ prototypes are used to describe function interfaces which describe the relationships among variables external to the function
- At the end of the specification phase, an interface or scaffold is defined to describe how the AI fits into the rest of the system