



Achieving Artificial General Intelligence Through Peewee Granularity

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Integration ?



Model of the Architecture

Built from knowledge *not included* in the architecture. Need to access component's internals.

Hand-crafted Models

Self-improvement?



Model of the Architecture

Needs a dedicated executive to interpret its semantics.

Code is large, functioning is hidden,
operational semantics is unknown.
Too few observables, no runtime reflective data,
no global view on computation:
indirect effects are unknown, new processes cannot be
discovered, modeled nor implemented dynamically.



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Code is simple, operational semantics is known. Architecture is homogeneous and operates on few principles. Functional groups are emergent and remain explicit as *additional* components. Architecture = a myriad of interacting *global processes*. Processes can be *discovered* at arbitrary scales. Granularity of atomic constructs, i.e. small code. *Fine-grained* runtime observables -> *accurate* models. Homogeneous structural semantics -> integrable processes