Agent Interaction Logic: \*Assures Agent(Network\_id, is defined agent\_id, 160bject()) With it's stored instructions and toxility Settings . handle\_agent\_interaction(...): Pass in: - away - agent\_id -init\_prompt Loptional, ex "Hi") - environment (optional, ex "(offer shop") Interaction Method Logic: 1) Initialize DSPy Agent Chat Mobiles for both home + away 17 These handle the LM calls 15 instructions for that agent are init 2) Predict the expected Conversation length (int back and forth) 3) Conversation loop. Home · \_ run\_interactions() Agent Chat Module Home DB Class

Whole Grand State

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13 Suggest/Fetry legic 3) Add response to chat history Agent Chat Module Away Interest Metric \* after expected\_interacts ommusize chat history SUMMONY, toxicity in home agent DB interest Metric Class S