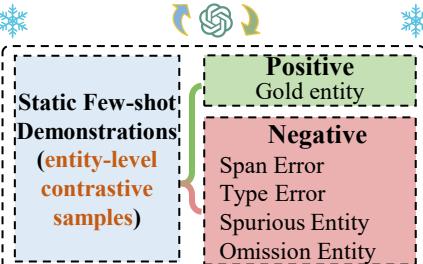


Input Test Sentence

1. This cannot endure , "Marlow told BBC television 's Newsnight programme on Thursday ."
2. South Korea made virtually certain of an Asian Cup quarter-final spot with a 4-2 win over Indonesia in a Group A match on Sat.
3. There is now evidence to suggest a central role for the dopaminergic system in restless legs syndrome (RLS) .

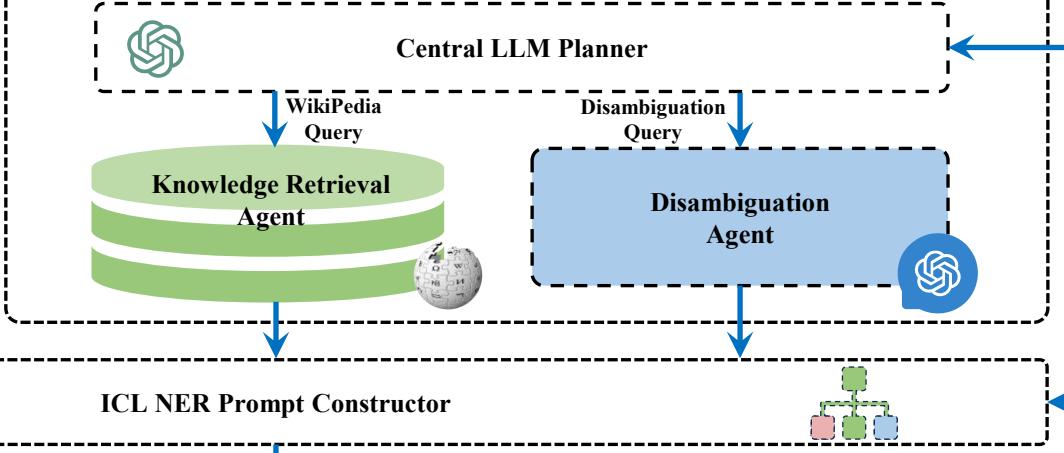
Definitions & Few-Shot Examples

Entity Types Definitions



Retrieval & Disambiguation Agent

Central LLM Planner



Multi-Knowledge Inference

restless legs syndrome
South Korea
Newsnight BBC television Indonesia
Asian Cup Group A program Marlow

Initial Output



NER Prediction Module

Reflection-Enhanced Inference



Predefined Criteria

Span Error Analysis
Type Error Analysis
Spurious Detection
Omission Detection



Reflected Output

RLS ^{new+}
Newsnight
Asian Cup
Marlow
Group A
program
BBC television
restless legs syndrome
Indonesia
South Korea

Knowledge In-context Construction Stage

Reflection & Correction Stage