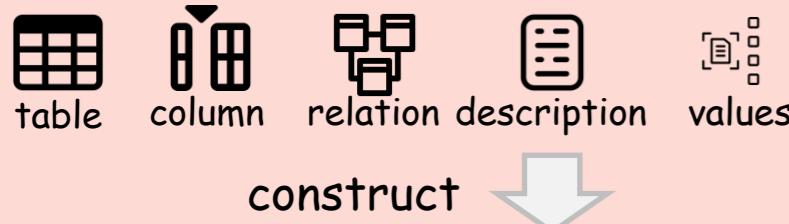


Environment

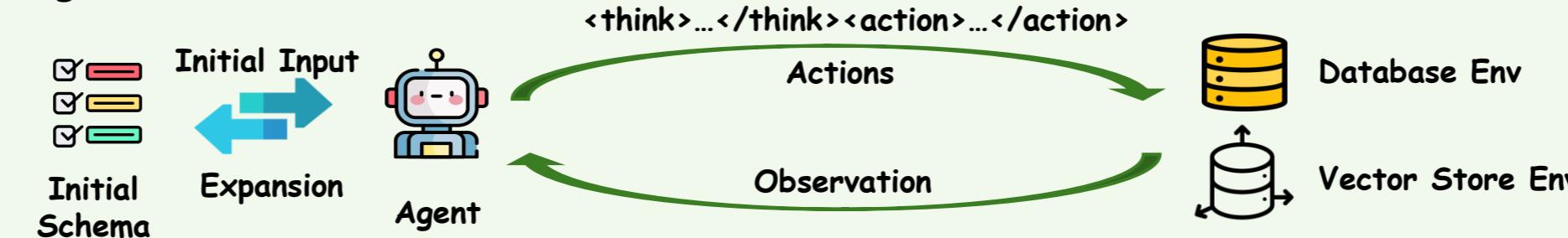


Column Documents

Table:frpm, Column: rtype, values:
Table:frpm, Column: IRC, values:
Table:schools, Column: city, values:
.....



Agent-Environment Interaction



Initial Schema Construction



Please list the phone numbers of the direct charter-funded schools that are opened after 2000/1/1.



- Table: frpm, Column: school name, values:
- Table: frpm, Column: school code, values:
- Table: schools, Column: phone, values:
-(top n)

Initial Schema
(M-Schema)

[SCHEMA]
#Table: frpm[
(id, Primary key, INT, Description)
(school name, TEXT, Description:)
]
#Table: schools[
(id, INT, Description:)
]
[FOREIGN KEYS]
frpm.id = schools.id

Action Space

W/ Feedback



W/O Feedback



Agentic Schema Linking Process

Instruction Prompt + Question + Complete Table List + Initial Schema

<think> The initial schema is missing a column indicating the **school opening date**. I'll inspect the `schools` table to check if such a column exists </think>
<action> @explore_schema(SELECT * FROM pragma_table_info('schools') WHERE name LIKE 'open%') </action>

SQL execution results:

cid	name	type	notnull	dflt_value	pk
20	OpenDate	DATE	0	None	0

<think> I have identified `OpenDate` in the `schools` table. I will add it to the schema. It seems sufficiently complete to attempt drafting a SQL query to verify </think>
<action> @add_schema(schools.OpenData)</action>
<action> @verify_schema(SELECT s.`Phone` LIMIT 5)</action>

Add schools.OpenData to initial schema

SQL Execution results : No data find.

<think> The draft SQL query returned no results. I will further investigate the schema for potential issues </think>

