



Cegid Pulse

Multi Agents Business Management Platform

AG2 (former Autogen)

The Open-Source AgentOS



- AG2 (former AutoGen)

The Open-Source Operating System for Agentic AI



Simple and intuitive syntax



Built-in conversation patterns



Seamless Human-AI collaboration

```
pip install ag2[openai]
```



```
# 1. Import our agent class
from autogen import ConversableAgent, LLMConfig

# 2. Define our LLM configuration for OpenAI's GPT-4o mini
#     uses the OPENAI_API_KEY environment variable
llm_config = LLMConfig(api_type="openai", model="gpt-4o-mini")

# 3. Create our LLM agent
with llm_config:
    my_agent = ConversableAgent(
        name="helpful_agent",
        system_message="You are a poetic AI assistant, respond in rhyme.",
    )

# 4. Run the agent with a prompt
response = my_agent.run(
    message="In one sentence, what's the big deal about AI?",
    max_turns=3,
    user_input=True
)

# 5. Iterate through the chat automatically with console output
response.process()

# 6. Print the chat
print(response.messages)
```



```
user (to helpful_agent):
```



```
In one sentence, what's the big deal about AI?
```

```
-----
```

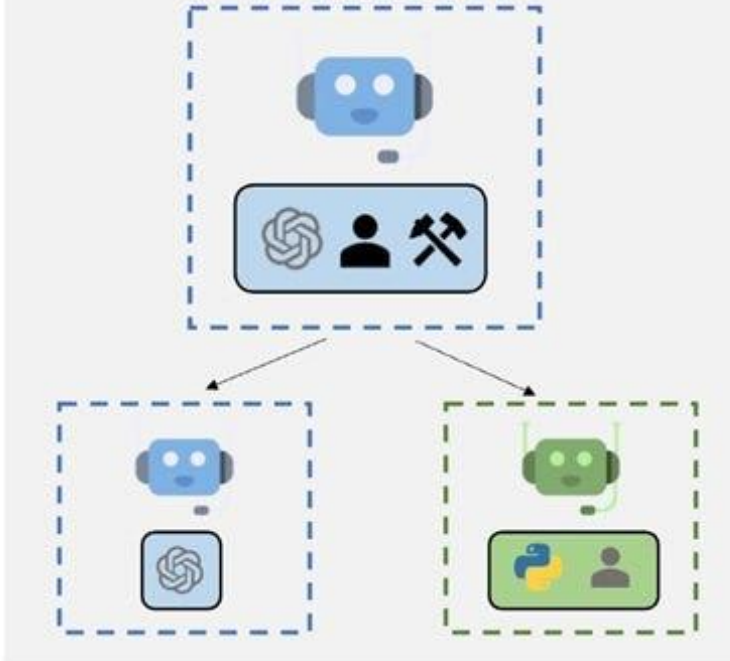
```
>>>>>>> USING AUTO REPLY...
helpful_agent (to user):
```

```
AI transforms our world, enhancing life's parade,
With insights and solutions, it helps plans cascade.
```

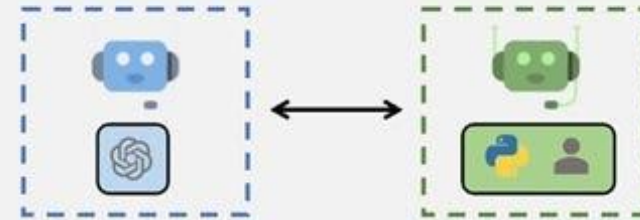
```
-----
```

```
Replying as user. Provide feedback to helpful_agent. Press enter to skip and use a
```

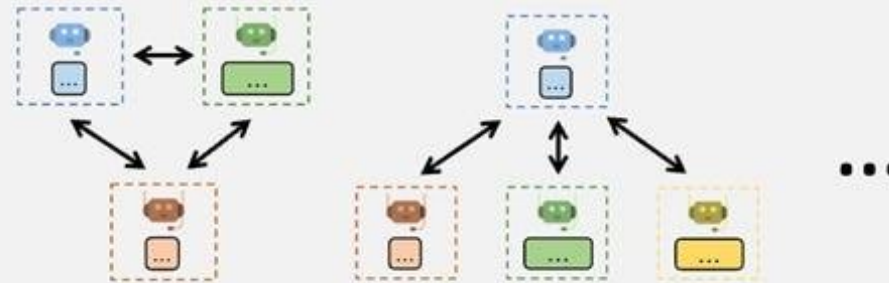
Conversable agent



Agent Customization



Multi-Agent Conversations



Joint chat

Hierarchical chat

Flexible Conversation Patterns

Apache-2.0 license

View this repository ▾

Activity

Custom properties

1k stars

Watching

14 forks

Repository

Issues 42

0.0.0 Latest

days ago

- **Community**

-
- **Apache 2.0 License**
 - **20K actives agent builders**
 - **2.4K stared**
 - **Latest version 0.9.0**
 - **~20 released versions since 2025**
 - **Production grade applications (Cegid Pulse)**
 - **Many domains**
 - **Daily technical discussion**
 - **Open RFC process**
 - **Ecosystem: AgentOps, Langchain, Mem0, MemGPT, Databricks, Azure Cosmos, ...**

cegid

Cegid Pulse

Use case Cegid Business Assistant



01

Strength of a leader



Cloud Leader

Pioneer of SaaS with
20 years' expertise.

30+ acquisitions

To build the best products for
our customers in all the
markets we serve.



750,000

Customers around the
world, from very small
businesses to large
international enterprises

4 / 250

French software providers
EY / Numeum 2024

2 / 100

French software providers
Truffle 100 2023

CFNEWS
TECH
AWARDS
2021

M&A Tech award 2021

- Cegid Business - Smart, Simple Management for Small Businesses

All-in-One Solution

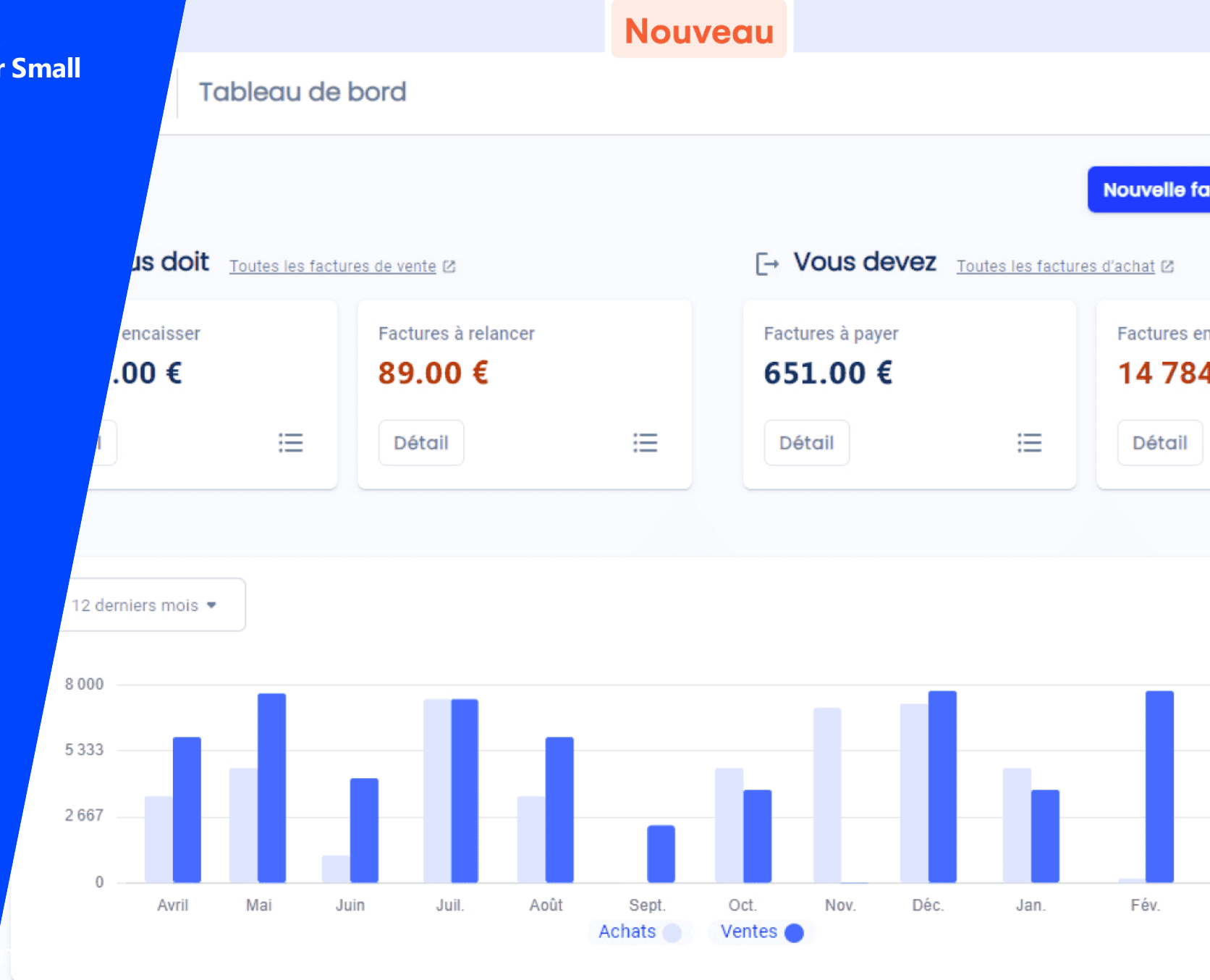
- Create quotes, invoices, and track payments easily
- Manage inventory, customer, and supplier orders
- Cloud-based access — anytime, anywhere

Smart Business Insights

- Real-time dashboards and KPIs
- Automated alerts and AI-powered recommendations
- Built-in smart assistant for faster tasks

Stay Compliant with Ease

- Ready for electronic invoicing regulation



• Cegid Business Assistant

Test a radically simpler way for small businesses to manage administrative tasks using natural language instead of traditional interfaces,

- Users express a need in **natural language**, and the **system** delivers **actionable outputs** (insights, tables, reports).
- Capitalizing on **Gen-AI** and **Cegid's business APIs**.



Cegid Business Assistant – Key Features

 **Natural Language Interaction**

 **Predefined Questions Selection**

 **Domain & Workflow Selection**

 **Question History**

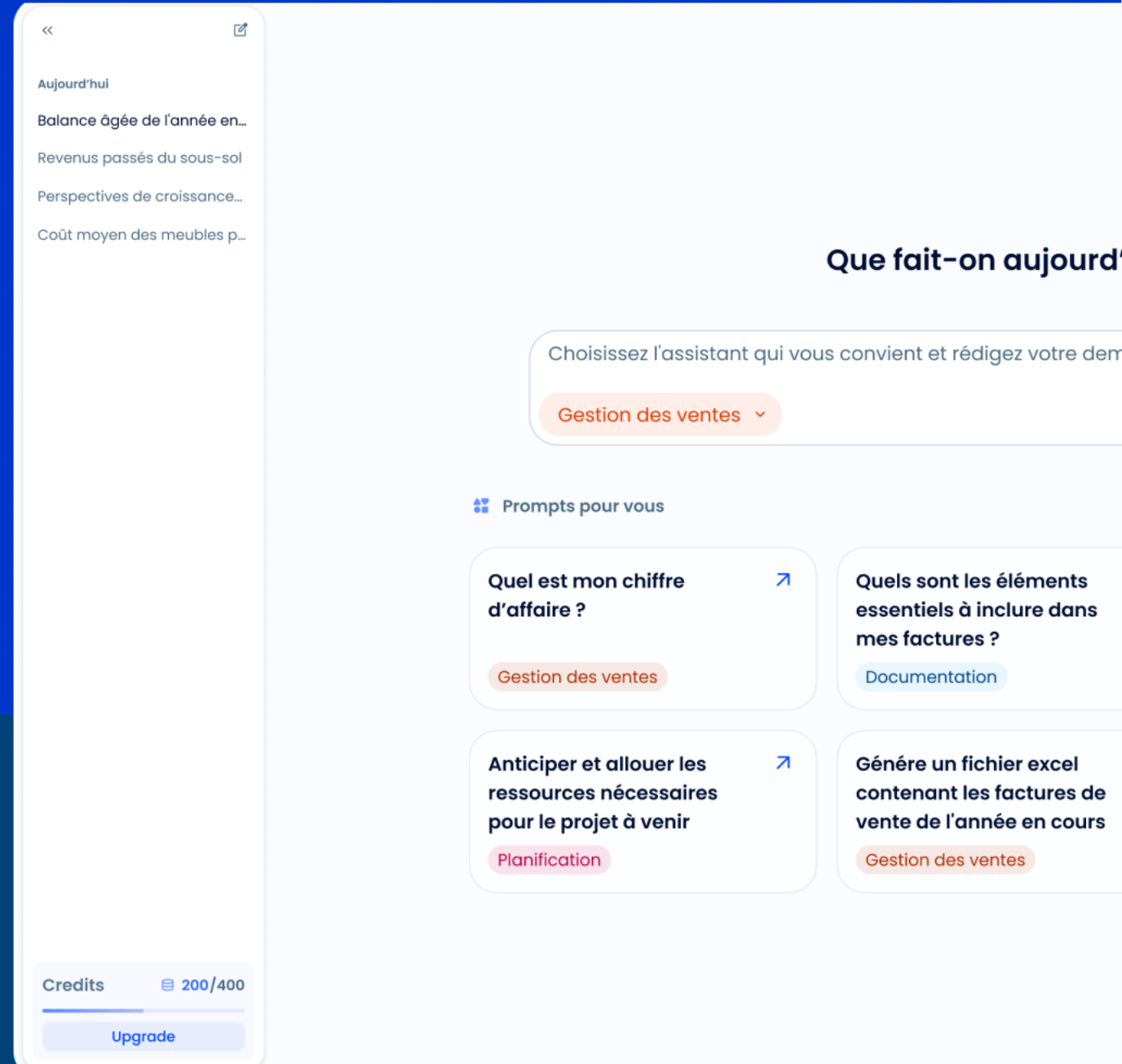
 **Usage Limit Control**

 **Graphical Output Presentation**

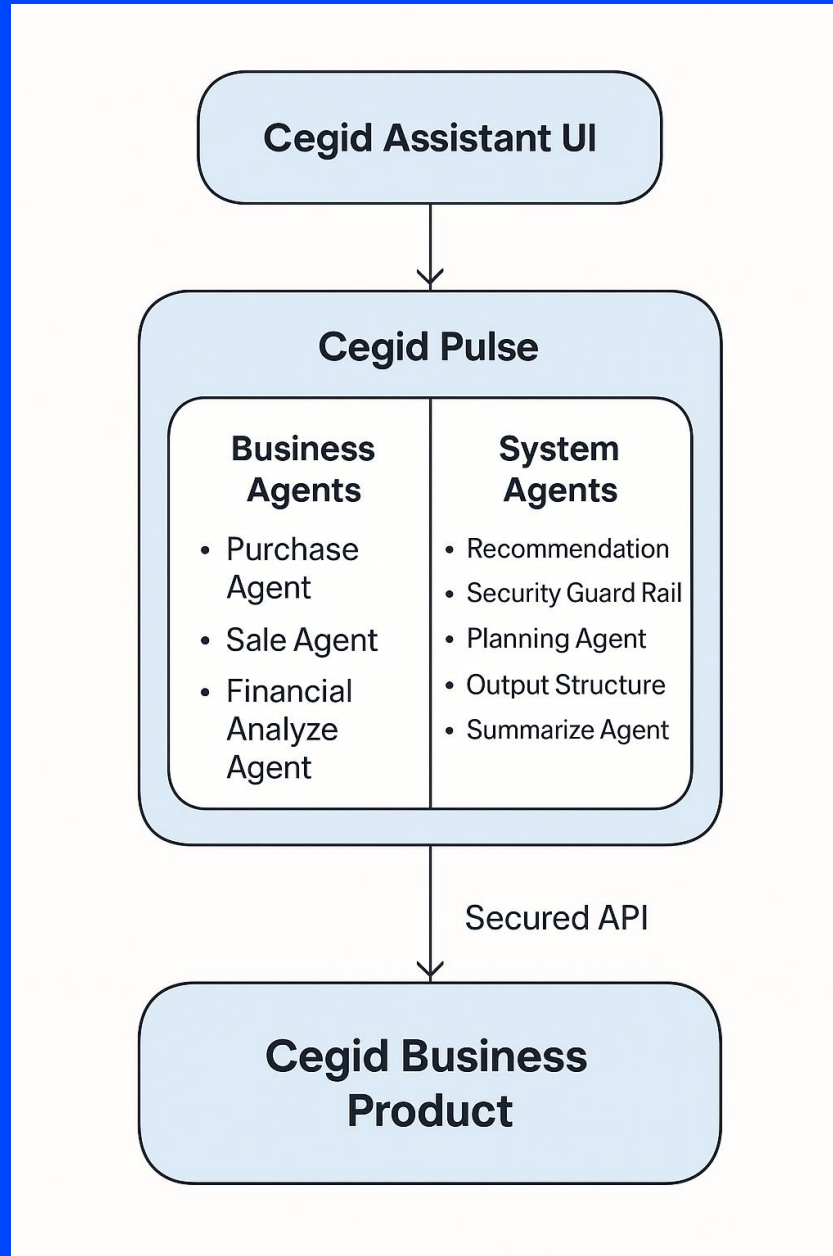
 **Smart Recommendations**

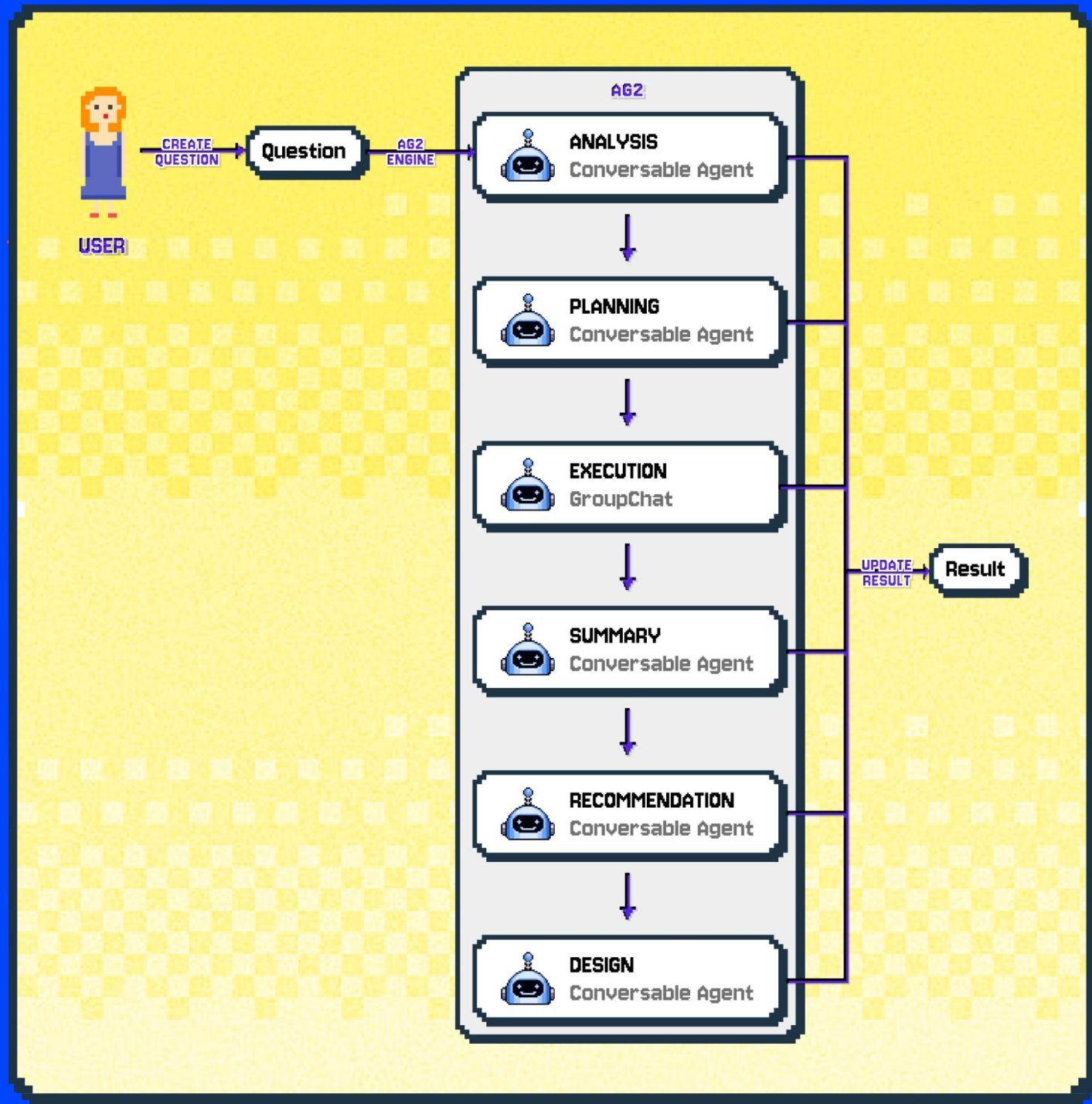
Beta launched on April 11th 

- **Scalability;** docker AKS Azure
- **Security:** SSO, Cegid Compliance, Guard rail.
- **Objectives:** Monitor usage, **identify high-value use cases**, **improve** system reliability and **debugging tools**, gather feedback, and define a strong **go-to-market strategy**.



- Cegid Business Agents







Where to deploy Agents next ?



Q & A



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