

CrewAI 1.2 Cheat Sheet

1. Install & Quick Start

```
git clone https://github.com/CrewAI-Labs/CrewAI.git --depth 1
cd CrewAI && git checkout v1.2
pip install -r requirements.txt
cp .env.template .env # add OPENAI_API_KEY
python -m crewai demo # hello-crew loop
```

2. Persist Memory

```
MEMORY_BACKEND=pgvector
PGVECTOR_URL=postgresql://user:pass@host:5432/crewai
Agents now recall context across sessions.
```

3. Hot-Swap Roles (Plugins)

```
pip install selenium-playwright # browser agent
ENABLE_BROWSER=True # in .env
pip install selenium # Selenium agent
At runtime: 'swap browser_agent'
```

4. Quick Use Cases

- Content Drafting: writer + editor + SEO bots
- Code Refactor: analyser + refactor bots
- Email Triage: classifier + reply-suggest bots
- Web Scrape & Summarise: browser + summariser bots

5. Troubleshooting

Rate limits → lower MAX_ITER or upgrade plan
High RAM → limit crew size or disable browser
Memory missing → verify DB URL & network

6. Resources

Docs: <https://crewai.org/docs>
GitHub: <https://github.com/CrewAI-Labs/CrewAI>
Guides & podcast: AgentModeAI.com