Agentic Design Patterns

*A Hands-On Guide to Building Intelligent Systems*[*[1]*](https://docs.google.com/document/d/1rsaK53T3Lg5KoGwvf8ukOUvbELRtH-V0LnOIFDxBryE/mobilebasic?fbclid=IwRlRTSAMmBflleHRuA2FlbQIxMQABHqgNTAfMazMy6lP23UrGaW2bRJaml6YZKNj1eWWQAdEZBe7_GC9H3WVgmip-_aem_yVsafriKc9cXWcCI8tptVg#ftnt1)*,* [*Antonio Gulli*](https://www.linkedin.com/in/searchguy/)

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[Acknowledgment](https://docs.google.com/document/d/1u2y6tY48bw8nriDUuwWEf9s8g66vyIqBKSKZDOS-n0s/edit?tab=t.0#heading=h.y1l1kh7vu0qi), *2 pages* [final, last read done]

[Foreword](https://docs.google.com/document/d/18Q9kfZuCTL37ztrSjLxwf8Elr5UfAiAavmnj0IqSpbU/edit?tab=t.0#heading=h.5wi2c0amdd0f), 1 page [final, last read done]

[A Thought Leader's Perspective: Power and Responsibility](https://docs.google.com/document/d/1PWhaXD_UNKgJaxYe3JBxRFRt3_B8Wm67CFxtSBQ4LkU/edit?tab=t.0#heading=h.2v348nrvaqww) [final, last read done]

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[What makes an AI system an "agent"?](https://docs.google.com/document/d/1Nw6hRa7ItdLr_Tj5hF2q-OH8B_uPKb--RLn8SXZKA94/edit?usp=sharing), 9 pages [final, last read done]

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* [Chapter 1: Prompt Chaining](https://docs.google.com/document/d/1flxKGrbnF2g8yh3F-oVD5Xx7ZumId56HbFpIiPdkqLI/edit?usp=sharing) ([code](https://colab.research.google.com/drive/15XCzDOvBhIQaZ__xkvruf5sP9OznAbK9)), 12 pages [final, last read done, code ok]
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* [Chapter 6: Planning](https://docs.google.com/document/d/18vvNESEwHnVUREzIipuaDNCnNAREGqEfy9MQYC9wb4o/edit?usp=sharing) ([code](https://drive.google.com/drive/u/0/folders/1Y3U3IrYCiJ3E45Z8okR5eCg7OPnWQtPV)), 13 pages [final, last read done, code ok]
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* [Appendix A: Advanced Prompting Techniques](https://docs.google.com/document/d/1V7EKEWibOH6IhHD_PtbFZiml492-2191jDQCcTkhtTI/edit?usp=sharing), 28 pages [final, last read done, code ok]
* [Appendix B - AI Agentic ….: From GUI to Real world environment](https://docs.google.com/document/d/11pma_tCoC7uZ2SFKjcR5KyIq0_ooMGSoadI6f9mxG2I/edit?tab=t.0#heading=h.4bsgiycebw26), 6 pages [final, last read done, code ok]
* [Appendix C - Quick overview of Agentic Frameworks](https://docs.google.com/document/d/151rGsiEYOkXUcNDRus_N8TxxuvjoyTDViBhzt9z0Mfw/edit?tab=t.0#heading=h.8y2llpsk10ds), 8 pages [final, last read done, code ok] ,
* [Appendix D - Building an Agent with AgentSpace (on-line only)](https://docs.google.com/document/d/1bDRJ8mKtLTeWNC-cGD0Cr8pEJQgJHNcjqz5ekloAjaE/edit?tab=t.0), 6 pages [final, last read done, code ok]
* [Appendix E - AI Agents on the CLI (online)](http://docs.google.com/document/d/1W4znto0a8Ikajw5a4tEyRAaB2nJPJw_iFc4w4qNnjho/edit?tab=t.0#heading=h.6zaq0kvy131m) , 5 pages [final, last read done, code ok]
* [Appendix F - Under the Hood: An Inside Look at the Agents’ Reasoning Engines](https://docs.google.com/document/d/14q3fQ-FZmDgiughno_WLSILMWkURvUgR7mlGiFtvwd4/edit?tab=t.0), 14 pages [final, lrd, code ok],
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[Glossary](https://docs.google.com/document/d/1_j_OdzeUALluBUO1GkZ48DsHbbDETiM_1G4farVLPnE/edit?usp=sharing), 4 pages [final, last read done]

[Index of Terms](https://docs.google.com/document/d/15MrpoJBrZIi6aEZrBJCeCvVsIoC-EecYG9EWVk3YCKw/edit?tab=t.0), 11 pages (*Generated by Gemini. Reasoning step included as an agentic example*) [final, lrd]

[Online Contribution - Frequently Asked Questions: Agentic Design Patterns](https://docs.google.com/document/d/1XxQsHX3FWEP3TisQeWZwFfYw81zDwEHfHdIfjypa_0g/edit?tab=t.0)

**Pre Prin**t: [*https://www.amazon.com/Agentic-Design-Patterns-Hands-Intelligent/dp/3032014018/*](https://www.amazon.com/Agentic-Design-Patterns-Hands-Intelligent/dp/3032014018/)

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[[1]](https://docs.google.com/document/d/1rsaK53T3Lg5KoGwvf8ukOUvbELRtH-V0LnOIFDxBryE/mobilebasic?fbclid=IwRlRTSAMmBflleHRuA2FlbQIxMQABHqgNTAfMazMy6lP23UrGaW2bRJaml6YZKNj1eWWQAdEZBe7_GC9H3WVgmip-_aem_yVsafriKc9cXWcCI8tptVg#ftnt_ref1) All my royalties will be donated to Save the Children