

Agentic RAG System - User Manual

Version 1.0 - January 2024

TABLE OF CONTENTS:

1. Introduction
2. System Requirements
3. Installation
4. Building the Index
5. Querying the System
6. Troubleshooting
7. Support

1. INTRODUCTION

The Agentic RAG (Retrieval-Augmented Generation) system is a powerful tool for document search and question answering. It uses advanced AI to understand your documents and provide accurate answers to your questions.

2. SYSTEM REQUIREMENTS

- Python 3.8 or higher
- 8GB RAM minimum (16GB recommended)
- 10GB free disk space
- Internet connection for initial model download

3. INSTALLATION

Step 1: Create a virtual environment

Step 2: Install dependencies from requirements.txt

Step 3: Prepare your PDF documents in the data folder

4. BUILDING THE INDEX

Use the build command to process your documents and create a searchable index.

This needs to be done once, or whenever you add new documents.

5. QUERYING THE SYSTEM

You can query in two modes:

- One-off mode: For single questions
- Interactive mode: For conversational queries

6. TROUBLESHOOTING

If you encounter issues, check the following:

- Ensure all dependencies are installed

- Verify PDF files are not corrupted
- Check available disk space
- Review error messages carefully

7. SUPPORT

For assistance, contact: support@agenticrag.example.com

Documentation: <https://docs.agenticrag.example.com>