



Title: Agent-Based RAG Systems for Automated Offer ...

Title: Agent-Based RAG Systems for Automated Offer Generation: A Systematic Literature Review RQ 1: How can Multi-Agent RAG systems be architected to feasibly automate complex proposal generation processes in industrial enterprise environments? RQ 1.1: Which standardized communication patterns and protocols enable effective agent collaboration and external tool interaction within these architectures? Since 2023

Deep research - Thought for 1min 55sec

### Agent-Based Systems for Proposal Generation

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Ask a follow-up question



### Thinking Details

I'm starting research on how to design multi-agent systems for automating proposal generation in industries, focusing on communication methods for agent collaboration.

I've optimized the research parameters to focus on four main topics, allowing for in-depth exploration of complex themes related to multi-agent systems and industrial applications.

I've created a research plan to collect and analyze information on Multi-Agent Retrieval-Augmented Generation systems for automating complex proposal generation in industry.

I've created four main research queries to explore: Multi-Agent System Architectures, Retrieval-Augmented Generation mechanisms, Industrial Proposal Generation workflows, and Communication Patterns and Protocols.

I'm starting the initial research process now.

I'm starting research on Multi-Agent System Architectures, exploring three levels deep with three questions at each level.

I'm completing research on Communication Patterns and Protocols, exploring three levels with three queries at each level.

I'm currently researching the second topic on Retrieval-Augmented Generation (RAG) mechanisms, exploring it in detail across three levels with three queries at each level.

I'm researching the topic of Industrial Proposal Generation Workflows, exploring it in detail across three levels with three questions at each level.