

Revealing Connection

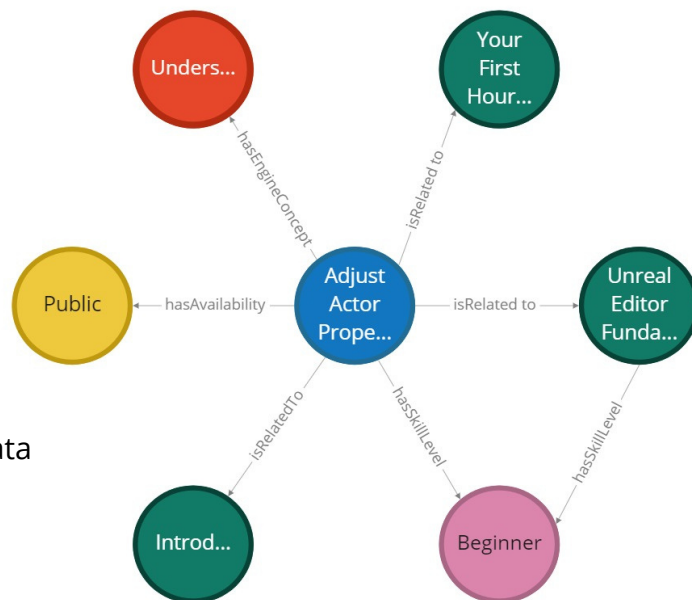
CREATING A KNOWLEDGE GRAPH FOR EPIC GAMES



UNREAL ENGINE

Documentation and Online Learning Connections

Epic Games is a video game company and software developer. One of their major products is Unreal Engine, a 3D creation tool. Epic Games maintains documentation and learning courses for Unreal Engine. However, many users find it difficult to search and navigate between these materials.



Developing a Knowledge Graph

We developed a unified data model that identifies overlaps in the metadata and relationship classes between documentation and online courses.

The model formed the foundation of a knowledge graph of 2,700+ documentation pages and 130+ courses built with Neo4j.

FROM SPREADSHEETS TO LINKED INFORMATION



Metadata Schema Alignment



Knowledge Graph Data Model Planning



Tabular Data Import into Neo4j

*Our solution empowers a connected experience for content **delivery** and **discovery**.*

BENEFITS FOR CONTENT CREATORS

- Easier exploratory/focused information finding
- Explore specific topics more deeply
- Users don't need to manually search for related content

BENEFITS FOR CONTENT CONSUMERS

- No more guessing about content relationships
- Consistent metadata resulting in better content organization
- Cross-functional teams can optimize content for users

title	seoTitle	description	seoDescription	engineConcepts	systemTag	type
Beta Features	N/A	Features that are	N/A	Whats New	N/A	Landing
Release Notes	N/A					Landing
August 2013 Release	N/A					N/A
December 2013 Release	N/A					N/A
July 2013 Release	N/A					N/A
June 2013 Release	N/A					N/A
May 2013 Release	N/A					N/A
October 2013 Release	N/A					N/A
September 2013 Release	N/A					N/A
Unreal Engine 4	N/A					N/A
Unreal Engine 4	N/A	N/A	N/A	Whats New	N/A	N/A
Unreal Engine 4	N/A					N/A
Unreal Engine 4	N/A					N/A
Unreal Engine 4	N/A					N/A
Unreal Engine 4	N/A					N/A
Unreal Engine 4	N/A					N/A
January 2014 Release	N/A					N/A
March 2014 Release	N/A					N/A
Unreal Engine 4	N/A					N/A
Unreal Engine 4	N/A					N/A
Unreal Engine 4	N/A	N/A	N/A	Whats New	N/A	N/A
Unreal Engine 4	N/A	N/A	N/A	Whats New	N/A	N/A

2700+ pieces of documentation

130+ courses



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