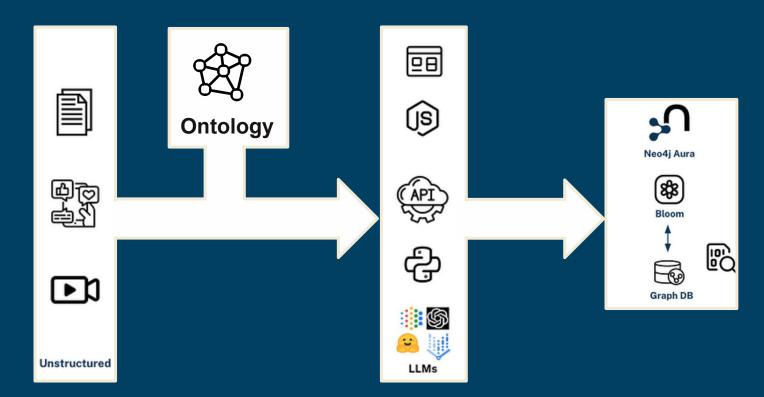
neo4j

Going Meta

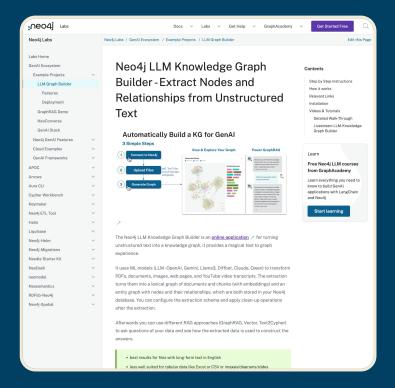
S2 - Episode 1

Using Ontologies to guide Knowledge Graph Creation from Unstructured Data

What does it mean?

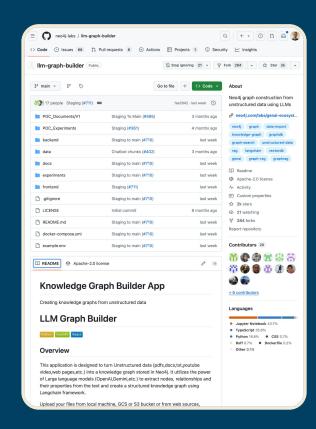


The LLM Knowledge Graph Builder



https://neo4j.com/labs/genai-ecosystem/llm-graph-builder/

https://github.com/neo4j-labs/llm-graph-builder



The LLM Knowledge Graph Builder

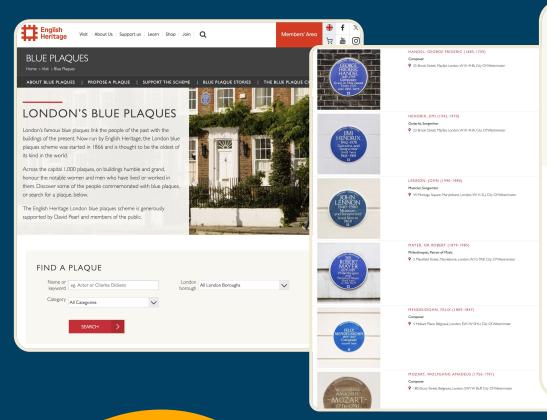




https://www.youtube.com/watch?v=NbyxWAC2TLc

https://neo4j.com/developer-blog/graphrag-llm-knowledge-graph-builder/

The data sources



HENDRIX, JIMI (1942-1970)

Plaque erected in 1997 by English Heritage at 23 Brook Street, Mayfair, London, W1K 4HA, City of Westminster



Guitarist, Songwriter Music and Dance

Profession

Category

JIMI HENDRIX 1942-1970 Guitarist and Songwriter

lived here 1968-1969 Ceramic

All images © English Heritage

The guitarist and songwriter Jimi Hendrix became an overnight sensation with the release of his band's first single, 'Hey Joe', in 1966. His innovative fusion of blues and experimental rock - coupled with his extraordinary live performances - has continued to have a profound influence on popular music long after his death.

HENDRIX IN LONDON

Born in Seattle, Washington, USA, James Marshall Hendrix spent the most successful years of his working life in London. He first arrived in the capital in September 1966, three months after having been 'discovered' by the British musician Chas Chandler, who had been impressed by Hendrix's innovative guitar style and dynamic stage presence. By October, the Jimi Hendrix Experience had been created – with Noel Redding on bass and Mitch Mitchell on drums

The band's first single, "Hey Joe", was met with acclaim, while the second, "Purple Haze", became Jim's signature tune. 1967 saw virtually constant touring in Britain, Europe and America and the release of the Experience's first albums, Are You Experienced and Axis: Bold as Love, With these records Hendrix. explored and then broke all previous boundaries of the electric suitar. It was his innovative twist on rock 'n' roll that paved the way for many acts of the

In 1968 Hendrix joined his girlfriend, Kathy Etchingham (b. 1946), at the flat she had taken in June on the top two floors of number 23 Brook Street. Jimi lived in the flat for some months - helping to decorate and furnish it to his own taste - before leaving to tour the USA in March 1969.

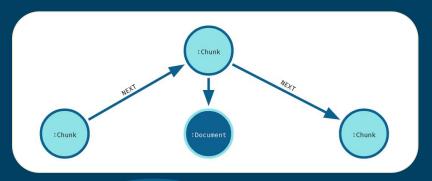
He was to return to London for only brief spells in 1970, spending his last right at the Samarkand Hotel, 22 Lansdowne Crescent in Notting Hill, where he died of a drug overdose at the age of just 27.



The resulting KG

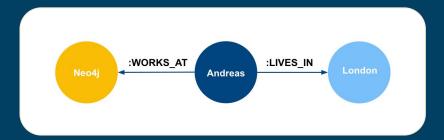
Document Structure Graph

A graph representation of for example the sections, paragraphs, chunks, documents and the relationships between them



Domain Graph

A graph representation of the real or digital world, i.e. the domain you're modeling



These two are not exhaustive They're also complementary

Time to try it out!