openCypher Implementers Group

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Neo Technology Cypher Language Group



Opening up open source

oC

One OSS Implementation ([A]GPL) ~10 Cypher-based projects, ~3 GA databases **Open Artefacts** EBNF, ANTLR, TCK (Apache, CC)

More Cypher-based projects **Open Artefacts** EBNF, ANTLR, TCK, Specs (Apache, CC) **Open Design** openCypher **Implementers** Group

Shared interests, "consensus until it breaks"

A consensus of those who want to help

- **define** Cypher as a language, so it's easier to implement
- design the next generation of Cypher, as a more powerful language

Open Design
openCypher
Implementers
Group
OC

Everyone who is interested is welcome, including end-users, + designers of other languages

Implementers/contributors are at the heart of the consensus openCypher, open design

$CIRs \rightarrow CIPs \rightarrow Specs, TCK, tools, code$

Ideas, Topics (CIRs)

(Competing?) Proposals (CIPs) OCIG approval



Grammar, Formal + NL Semantic Specifications

Matching tests in the TCK

Tools (ANTLR, ...)

Reference code

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openCypher, open design



openCypher 2017 meetings proposal

February oCIM 1 SAP HQ Walldorf, LDBC TUC oCIM 2 May London **Graph Connect Europe** every *n* weeks Video/phone conferences oCIG Remotes oCIM₃ October New York **Graph Connect USA**

Open Design openCypher Implementers Group

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