



Achilles, the art of object mapping

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Why Achilles ?

- Plenty of object mappers out there!
 - Spring Data Cassandra
 - <https://github.com/valchkou/cassandra-driver-mapping>
 - <https://github.com/47deg/firebrand>
 - ...
- **Mapping module** of the Java Driver works very well !

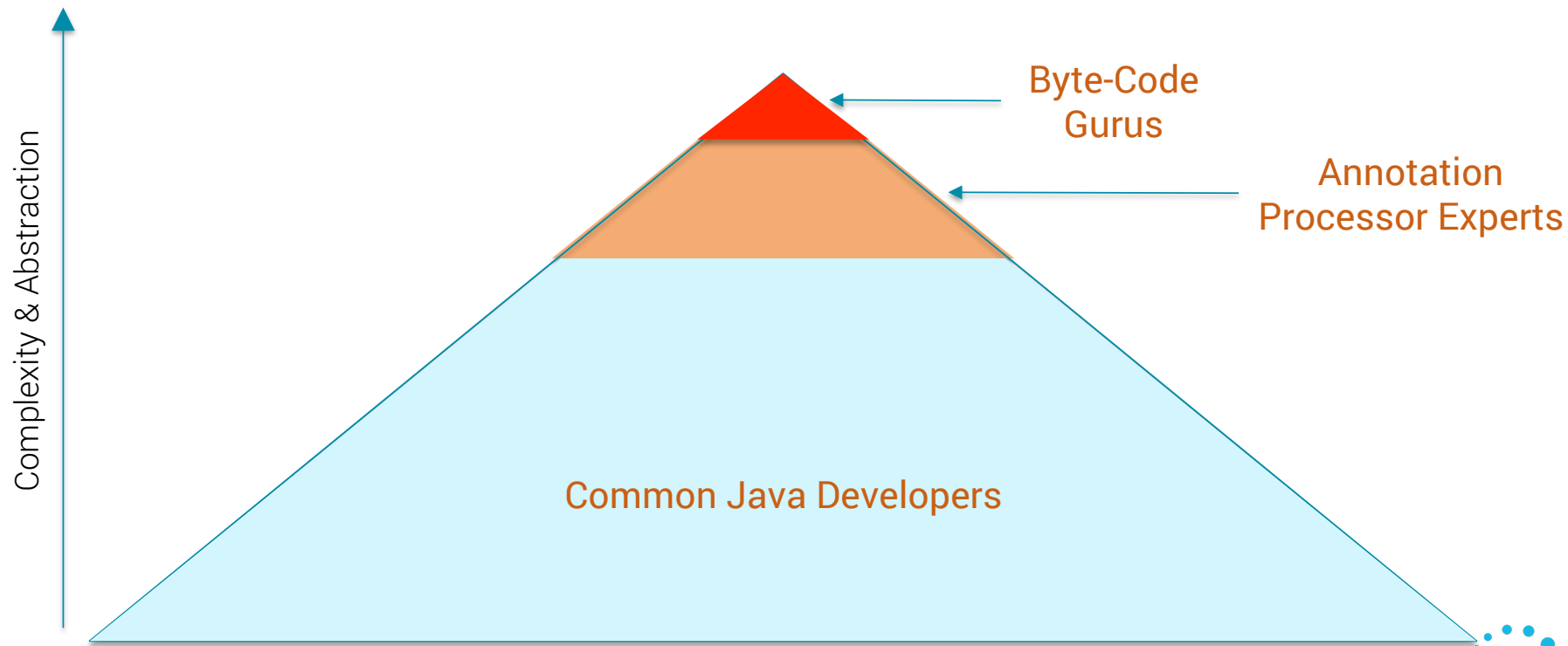
Achilles objectives

- **Advanced features** for **power-users**
- **Type-safe query DSL** for Cassandra neophytes
 - Get rid of typos
 - Detect errors at **compile-time**
 - Enforce best practices for SELECT/UPDATE/INSERT/DELETE query (*you can't create queries that are now allowed*)
- **Flexibility** and **pluggability**
- Move away from JPA habits (CQL != SQL)

How to achieve those goals ?

- **Annotation Processing**
- « *The power of byte-code manipulation without its dark magic* »
- Meta-programming → *create source code ... to generate source code*

Dark magic pyramid





Demo

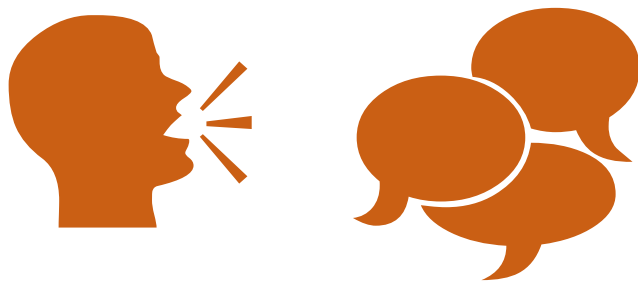
Recap

- You are
 - an experienced Cassandra developer
 - a Cassandra beginner



Give it a try!

www.achilles.io



Q & A

Thank You



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