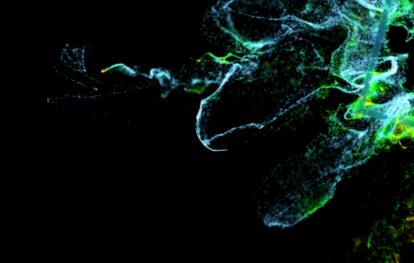


# Speaker bio





Jun Gu

Database engineer, SME

TILFAI & DATA Voting member in Technical Advisory Council

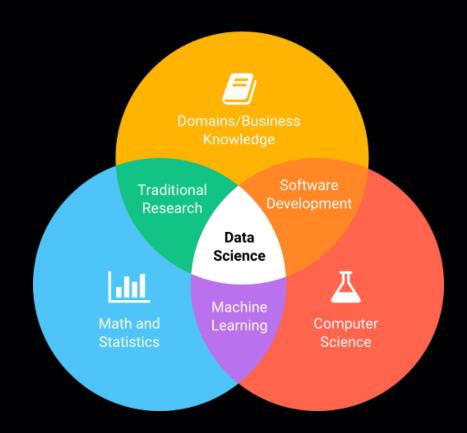
ZILLIZ

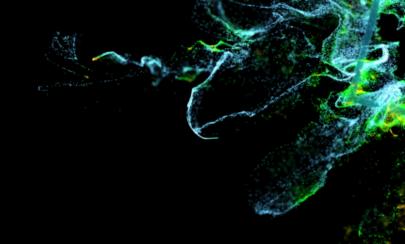
Partner, Chief Evangelist

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#### **About Zilliz**





- Open-source software company based in Shanghai
- Mission: Reinvent Data Science
- Main contributor of Milvus project

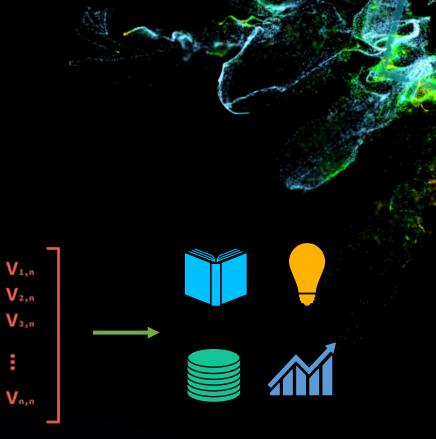
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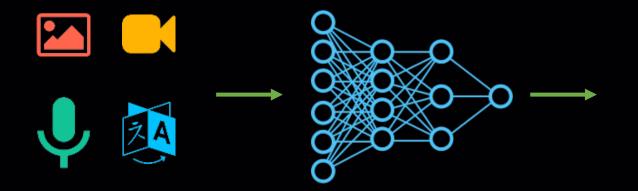
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#### The era of Software 2.0

**Unstructured** 

data





Deep learning models

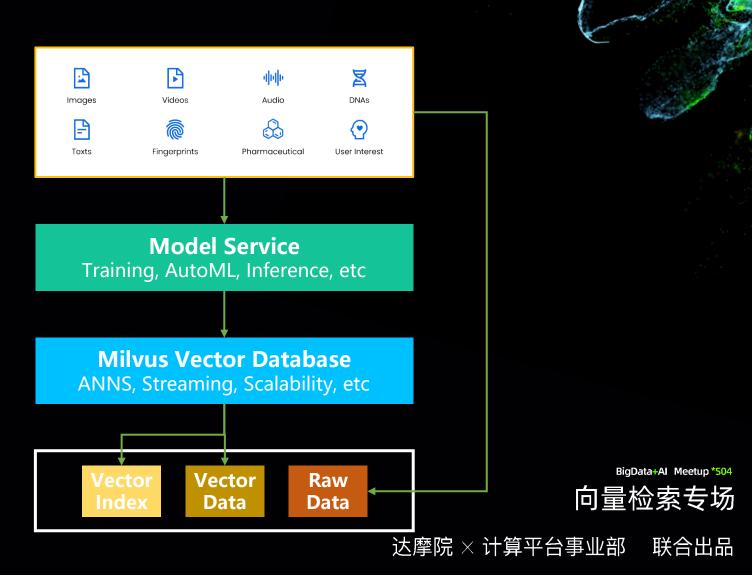
**Embedding** vectors

Knowledge, insight, \$

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## How Milvus supports Software 2.0

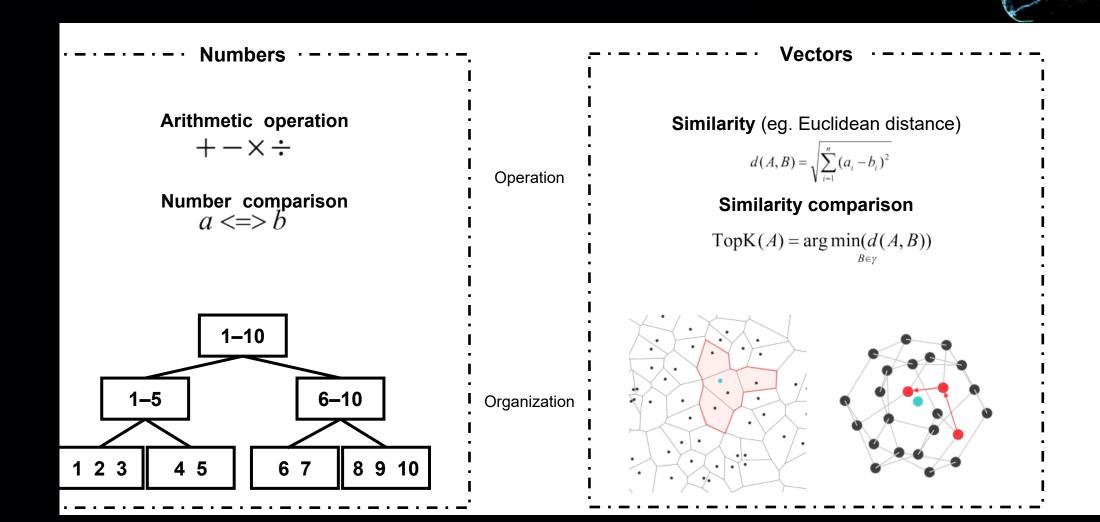


**Model Service** 

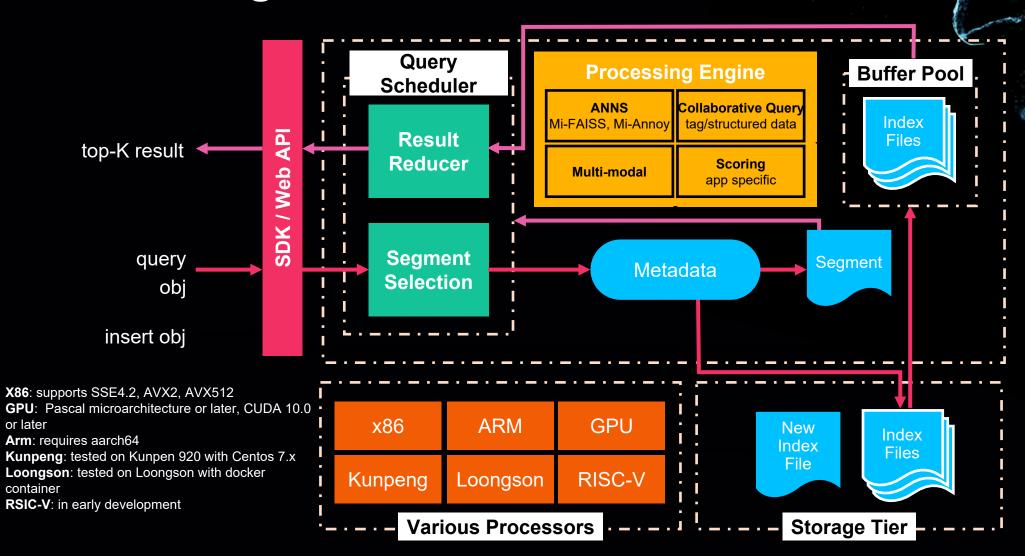
**Data Service** 

**Data Persistence** 

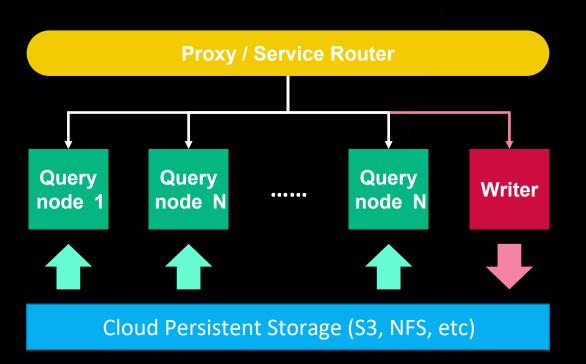
#### Vectors are different



#### Milvus v1.0 single node



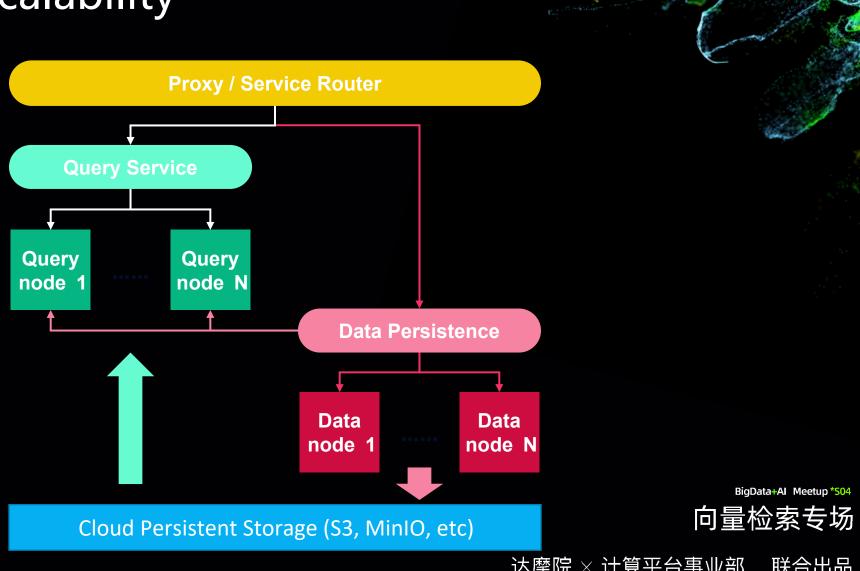
## Milvus v1.0 scalability



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## Milvus future scalability



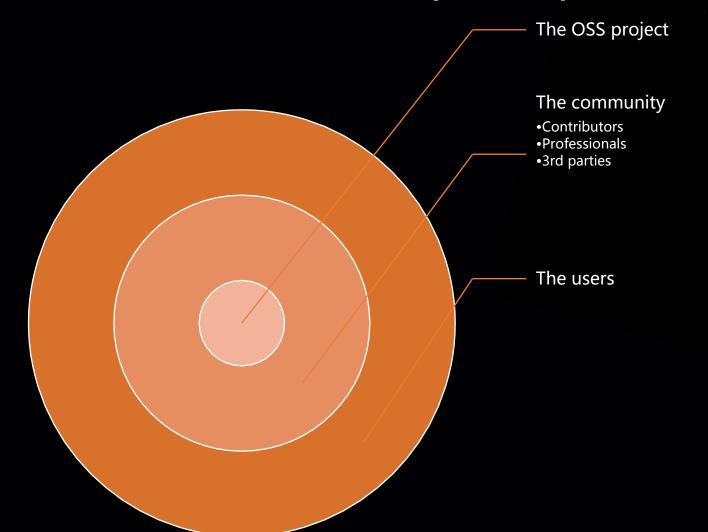
The proprietary software ecosystem

3rd party The software vendor vendor Professionals Users

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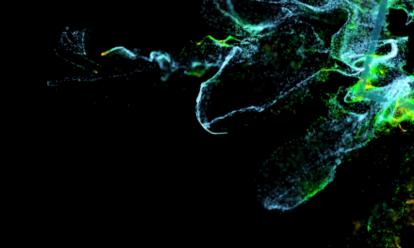
# Align the interests of different participants

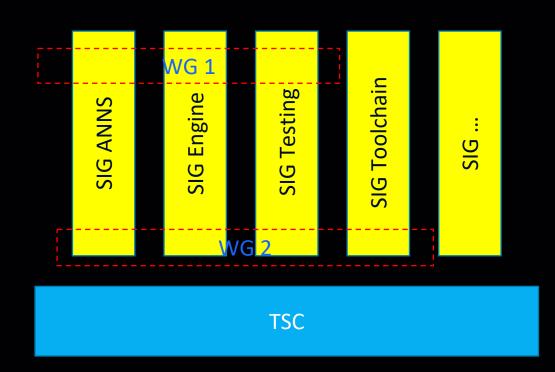


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### Supportive and inclusive community





- Reputation comes from contribution
- Guidelines rather than policies
- Consensus rather than authority
- Collaboration rather than solo

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### Find the Milvus community





https://github.com/milvus-io/milvus



https://twitter.com/milvusio



https://medium.com/unstructured-data-service



https://zhuanlan.zhihu.com/ai-search

Follow us on Wechat >>>>

#### **Performance benchmark:**

https://milvus.io/docs/benchmarks\_azure

#### Live demo:

https://milvus.io/scenarios

- Content-based image retrieval system (以图搜图)
  Q&A chatbot powered by NLP (智能客服机器人)
  Molecular analysis (化合物分析)



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