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Azure Search

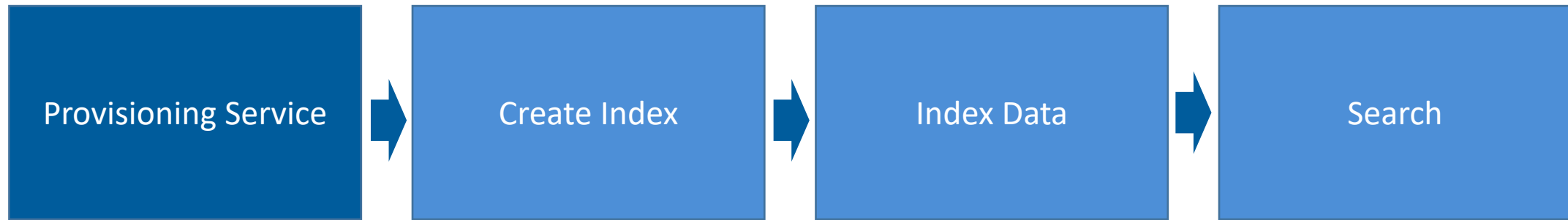
PULL CHANGES FROM REPO
bit.ly/NSWI152

Azure Search

- **PaaS service** in Microsoft Azure
- **RESTful** communication, **SDKs**
- **Linguistic Analyzers** support (including Czech language)
- **Scoring** support: fields score, scoring functions, aggregates
- **Scalable**
 - Partitions: storing data
 - Replicas: throughput of requests



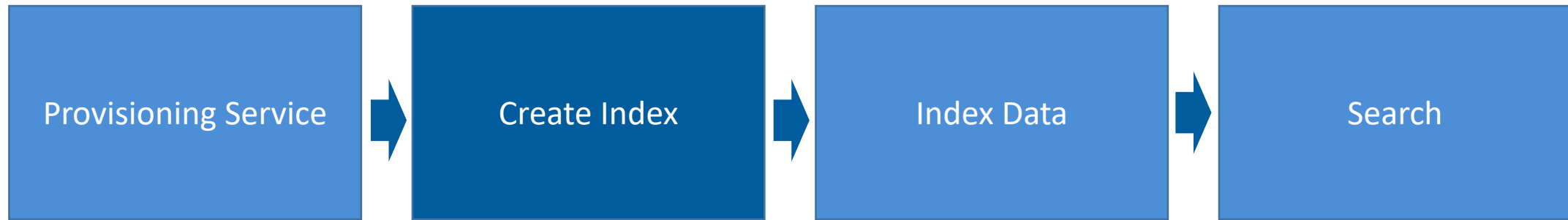
Service Workflow



Provisioning Service

- create new Azure Search service
- choose pricing tier (**Free**, Basic, Standard)
- add replicas or partitions

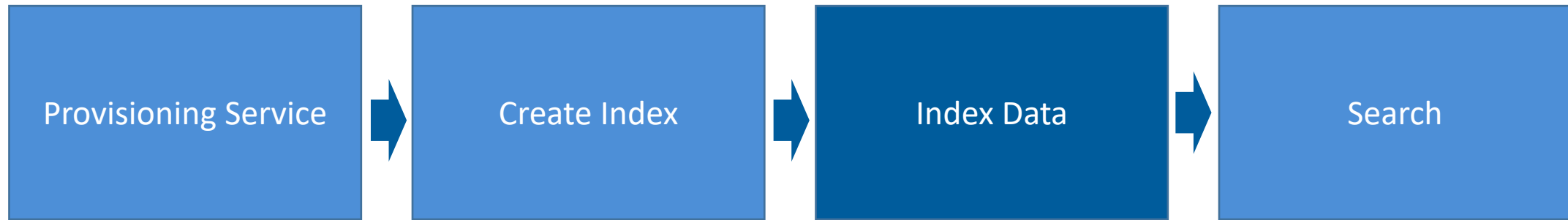
Service Workflow



Create Index

- container for your entity where you store all documents
- the index name is a part of url in REST communication
- consists from various fields (title, name, category, city, date, geodata)

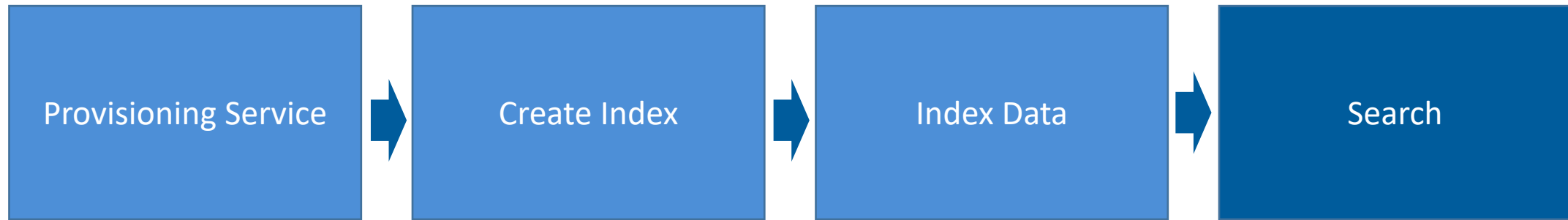
Service Workflow



Index Data

- REST communication or .NET SDK
- supports add, delete and merge operations
- import data from well-known services (SQL Database, etc.)

Service Workflow



Search

- REST communication or .NET SDK
- simple query syntax (operators supports)

Azure Search

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