



WAZUG

Getting started with Azure Search

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Agenda

- Introductie
- Indexing & Search
- De context
- Azure Search
- DEMO

- GeoLocating met Azure Search

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Indexing & Search

- 'Documenten' worden door indexeren beter doorzoekbaar
- Full-text search
- Facetted search
- Fuzzy search *
- Search scoring
- Suggestions

Bekende oplossingen: Lucene, ElasticSearch

De context

- Virtuele dataroom
- > 150 projecten
- Duizenden documenten / project
- Search op folder, documentnaam en content

De context – Huidige oplossing

- Structuur en namen in SQL
- Indexen content in Lucene
- Open Source component voor opslag in Azure Storage
- Veel custom code nodig
- ResetCache

Azure Search

- Azure oplossing voor Searching & Indexing
- Fully managed
- Gebruikt o.a. Lucene als 'analyzer'
- Schaalbaar
- Snel!

- Generally available (sinds 5 maart)

- * Fuzzy search alleen beschikbaar bij suggestions

Azure Search – De stappen 1/2

1. Define Index
2. Define Indexer
3. Add documents

Azure Search – documenten toevoegen

POST [https://\[service name\].search.windows.net/indexes/\[index name\]/docs/index?api-version=\[api-version\]](https://[service name].search.windows.net/indexes/[index name]/docs/index?api-version=[api-version])

Azure Search – documenten toevoegen

POST [https://\[service name\].search.windows.net/indexes/\[index name\]/docs/index?api-version=\[api-version\]](https://[service name].search.windows.net/indexes/[index name]/docs/index?api-version=[api-version])

```
{  
  "value": [  
    {  
      "@search.action": "upload",  
      "hotelId": "1",  
      "baseRate": 199.0,  
      "description": "Best hotel in town",  
      "description_fr": "Meilleur hôtel en ville",  
      "hotelName": "Fancy Stay",  
      "category": "Luxury",  
      "tags": ["pool", "view", "wifi", "concierge"],  
      "rating": 5,  
      "location": { "type": "Point", "coordinates": [-122.131577, 47.678581] }  
    }  
  ]  
}
```

Azure Search – response

```
{  
  "value": [  
    {  
      "key": "UNIQUE_KEY",  
      "status": true,  
      "errorMessage": null  
    }  
  ]  
}
```

Azure Search – De stappen 2/2

1. Define Index
2. Define Indexer
3. Add documents

Optioneel

4. Define Suggester
5. Add Scoring
6. Choose analyzer
7. Improve!

DEMO!

Vragen



Links

[Azure Search Documentation](#)

[Azure Search Service REST](#)



Dank u voor uw tijd en
aandacht