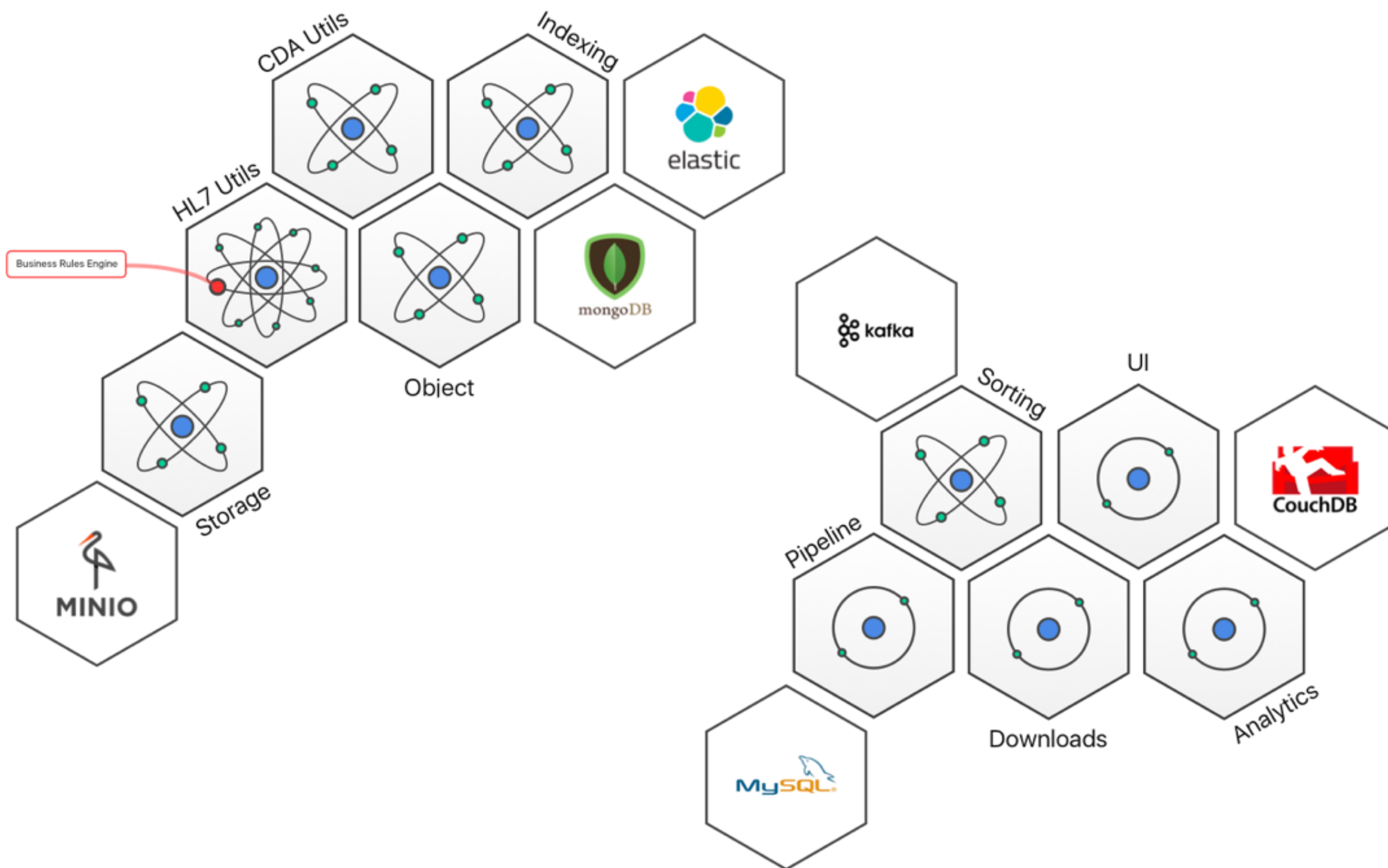
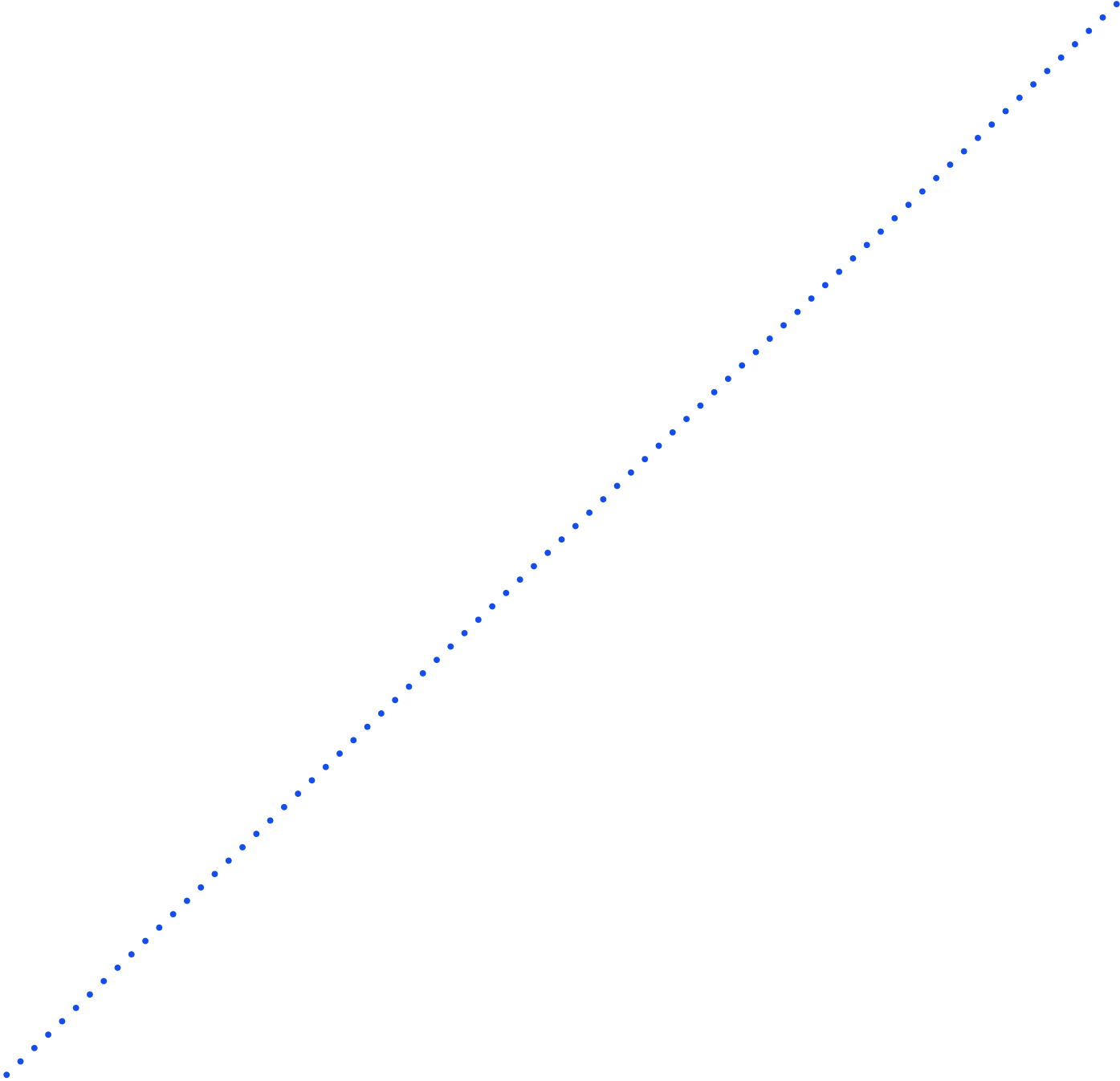


@nasr



Building Software with OpenAPIs

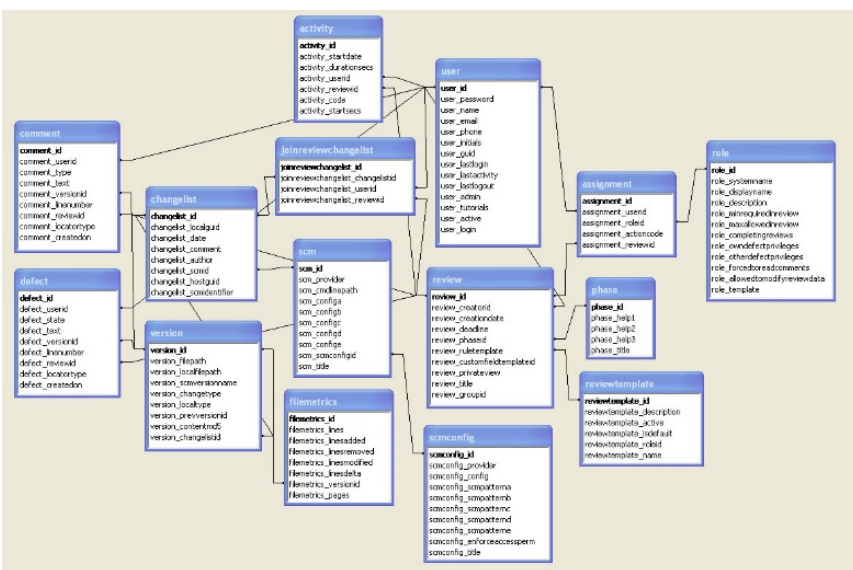


Foundational Services

(common to all apps)

Unique Services
(specific to this one app)

De-singular data: before/after



```
USE [AdventureWorks]
SET STATISTICS IO ON
SELECT
    v.[VendorID]
    , v.[Name]
    , coalesce(c.[Title], '') + ' ' + c.[FirstName] + coalesce(' ' + c.[MiddleName], '') + ' ' + c.[LastName] + coalesce(' ' + c.[Suffix], '')
FROM [Purchasing].[Vendor] v
INNER JOIN [Purchasing].[VendorContact] vc
ON vc.[VendorID] = v.[VendorID]
INNER JOIN [Person].[Contact] c
ON c.[ContactID] = vc.[ContactID]
SET STATISTICS IO OFF
```

Results Messages

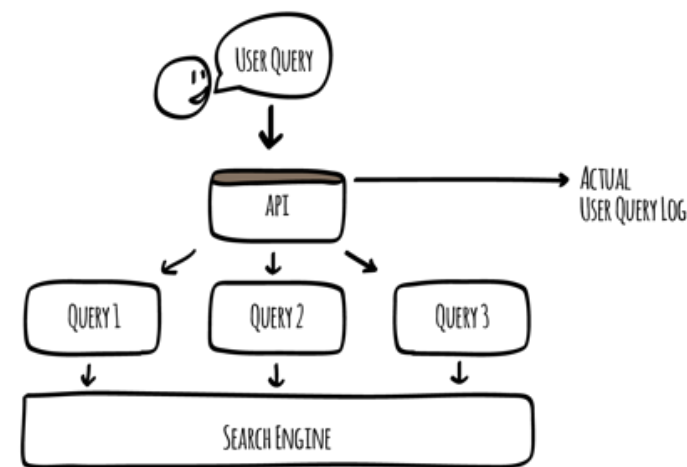
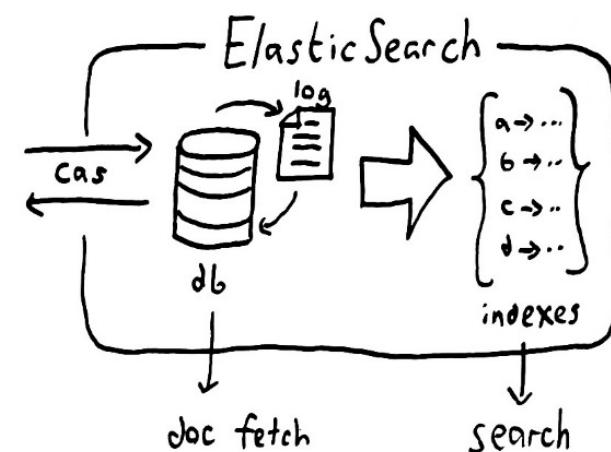
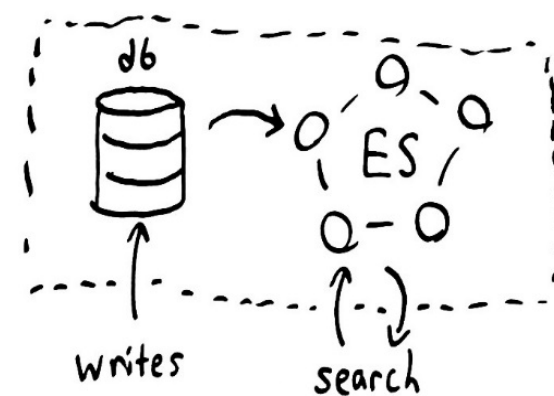
(156 row(s) affected)

Table 'Contact'. Scan count 0, logical reads 330, physical reads 0, read-ahead reads 0

Table 'VendorContact'. Scan count 104, logical reads 208, physical reads 0, read-ahead reads 0

Table 'Vendor'. Scan count 1, logical reads 4, physical reads 0, read-ahead reads 0

{Schemas, Views, SQL Queries}



{Data Types, Indexes, APIs}