



Website-Suche mit OpenText Web Site Management

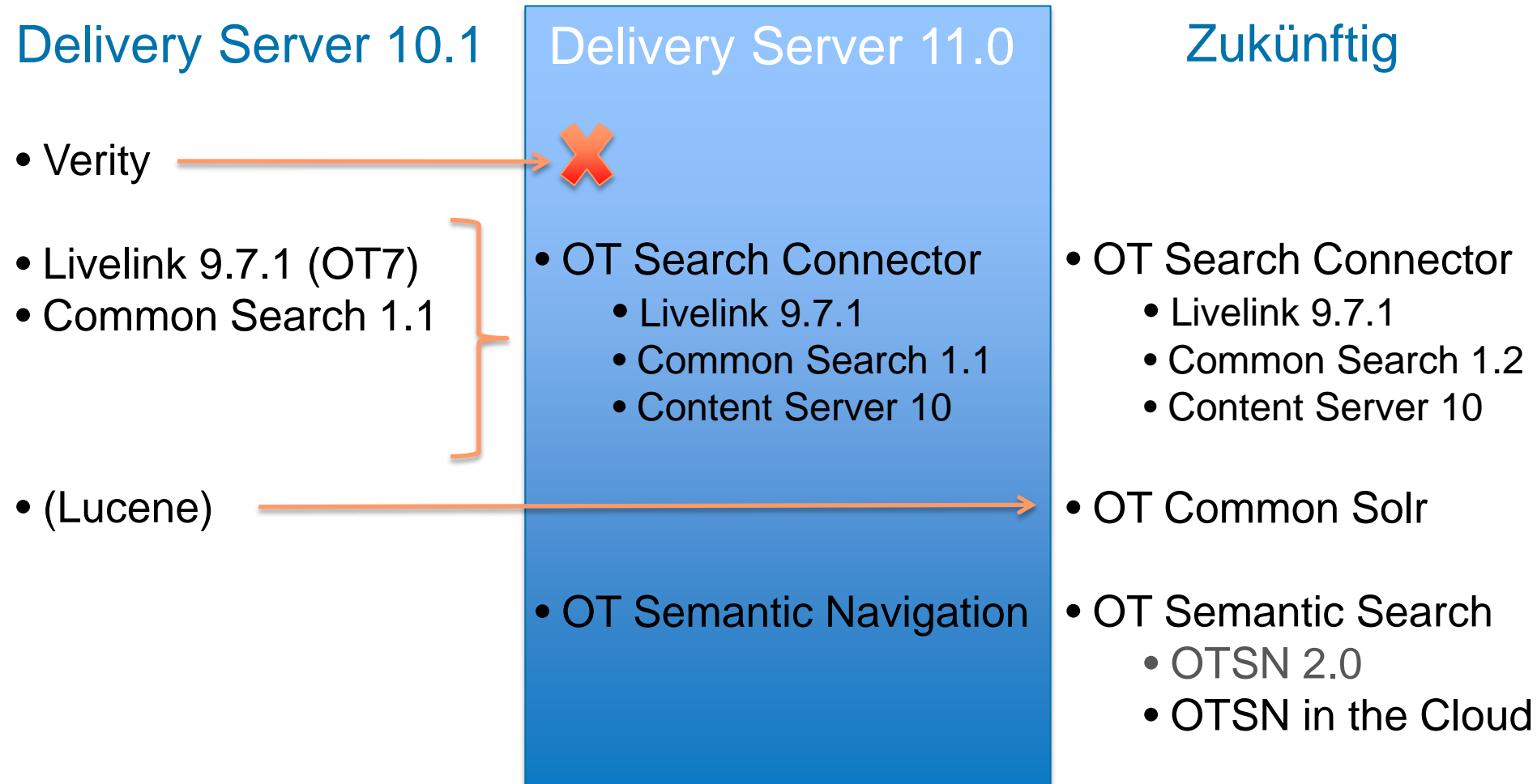
Frank Steffen - Senior Product Manager

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- Konzepte der Suchmaschinenanbindung
- Verity K2 Anbindung
- Der neue OT Search Engine Connector
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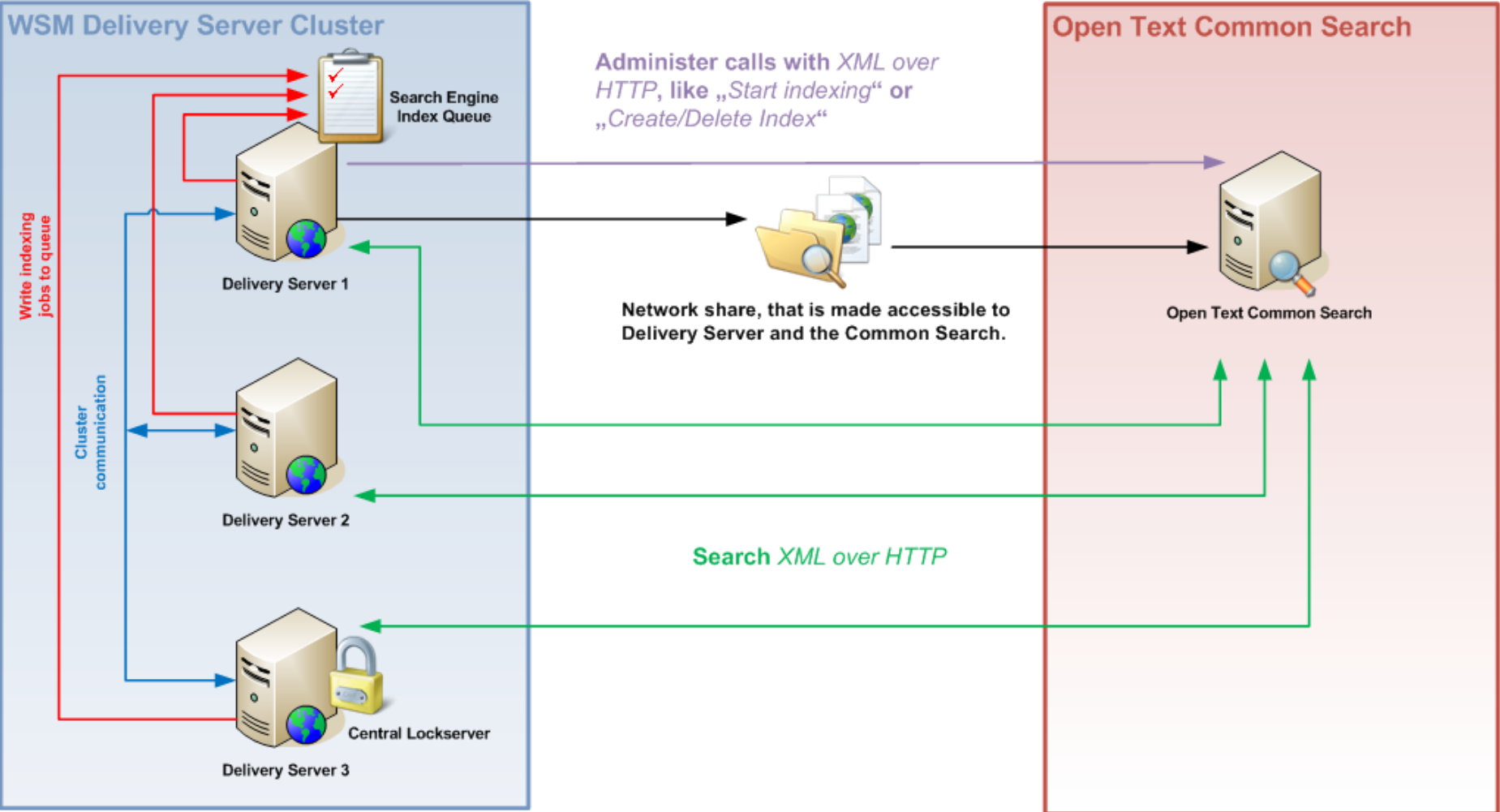
Überblick

Überblick der Suchmaschinenintegration

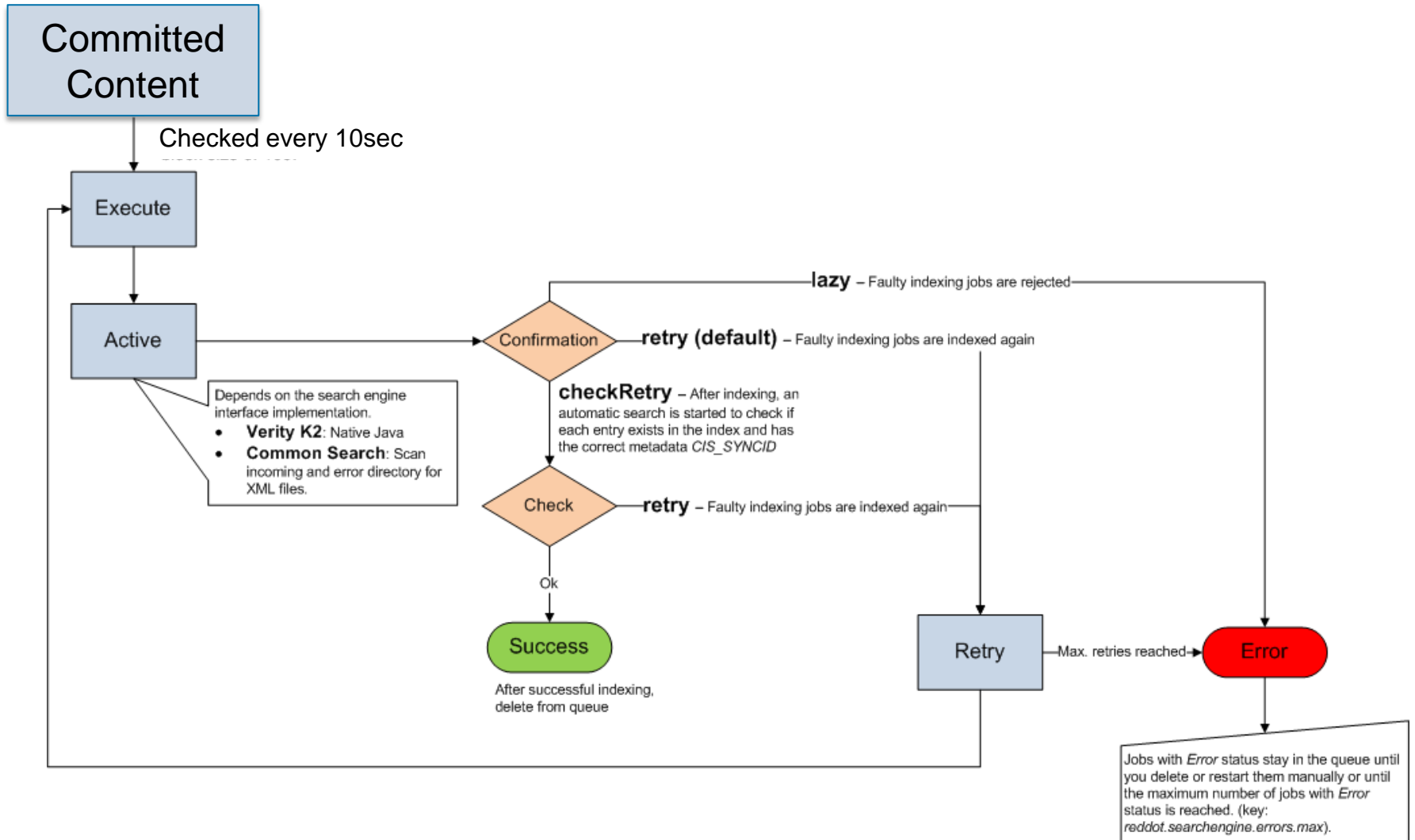


Konzepte

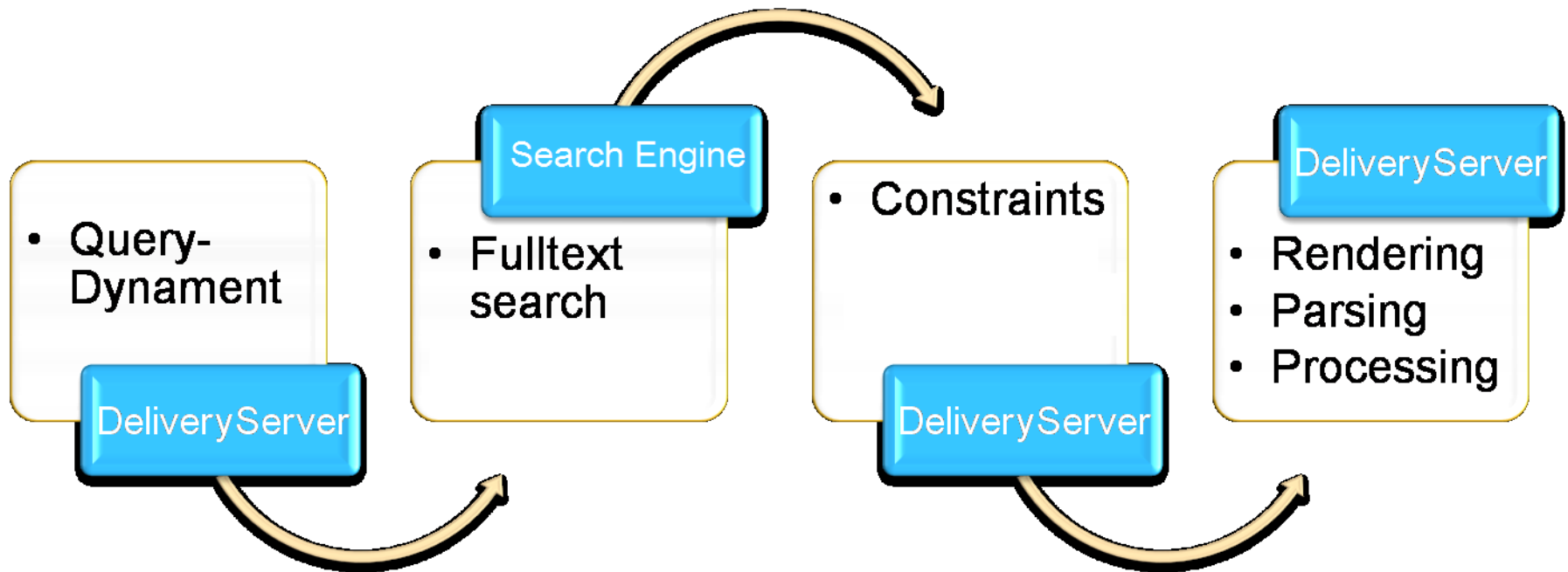
Konzepte - Protokolle



Konzepte - Indizierung

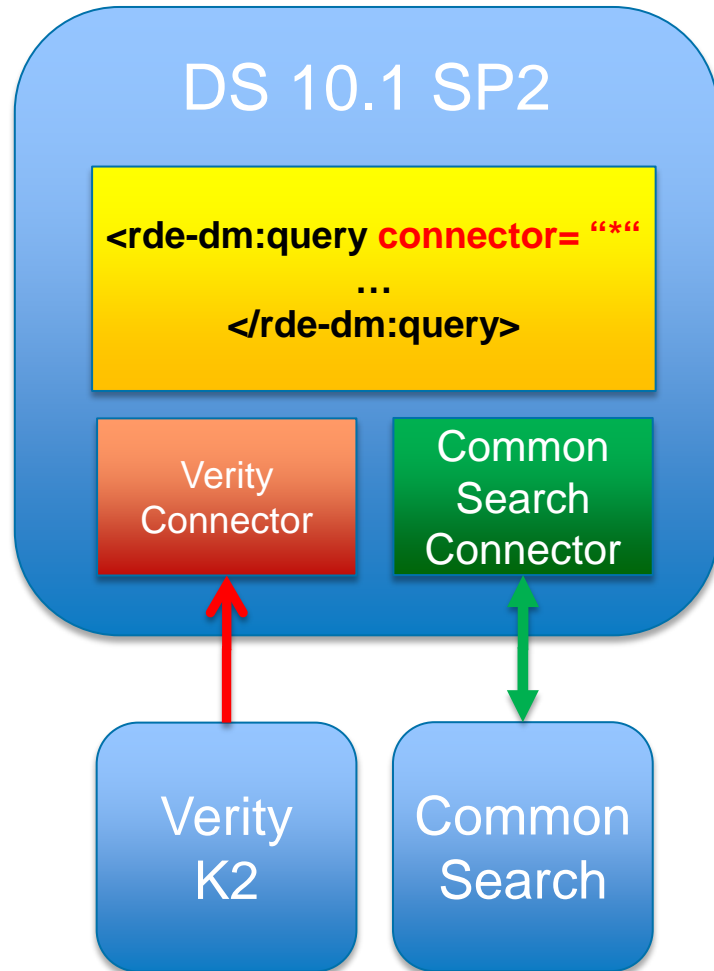


Konzepte - Suchaufruf



Status Verity K2

Von Verity zu Common Search



DS 10.1 SP2 mit Verity

1. Setze Verity Suchkonnektor auf ‚read-only‘ mode
2. Lizenz „OTSE“ einspielen
3. Common Search installieren
4. Suchkonnektor für CS anlegen
5. Content Attribute den Search Engine Fields zuweisen
6. Common Search Index erzeugen
7. Test Suchen ausführen
8. Änderung Query-Dynament
 - Auf neuen Konnektor
 - Ersetzen native Verity K2 queries
9. Verity Suchkonnektor löschen

Verity K2 vs. Common Search

	Verity K2	Common Search
Database/OS	No, outdated 32-bit	Yes, current OS
Indexing	Search Weblet 1 Project = 1 Index	XML File, 1-n Projects = 1 Index Crawler & Federated Search
Stopwords	yes	no
Relevance Ranking	,Importance' to Terms	Query Weight to Fields
Wildcards	yes	Operator QLREGEX
Multisort	yes	with CS10
Stemming	By default	with CS10
Summary	VDKSUMMARY, VDKPBSUMMARY	OTSummary
Metadata Types	String, Integer, Date, Float	String, Integer, Date
Query DynaMent	Mode list supported Verity Query supported	Mode list not supported LQL Query supported

OT Search Engine Connector (DS11.0)

Highlights

- Ein Index kann für alle Projekte verwendet werden
- Attribute von Datentyp Int und Date sind unterstützt
- Search Index Analyse
- Verbesserter Re-Index-Process
 - Project Level, updates the complete Project Content
 - Content Attribute Level, updates the Project Content Metadata
- Konfigurierbare Relevance Ranking Settings

Search Connector OpenText Search Engine

- **Multi-Sort and Multi Language** with Content Server 10
 - Update 3 or higher

- **Multi-Sort with Query DynaMent**

```
<rde-dm:query sortedby ="var1 desc var2,, sortorder ="asc,, ...>
```

- **Multi Language (Stemming) with Query CIS
DynaMent , Default English**

```
<rde-dm:query...>
```

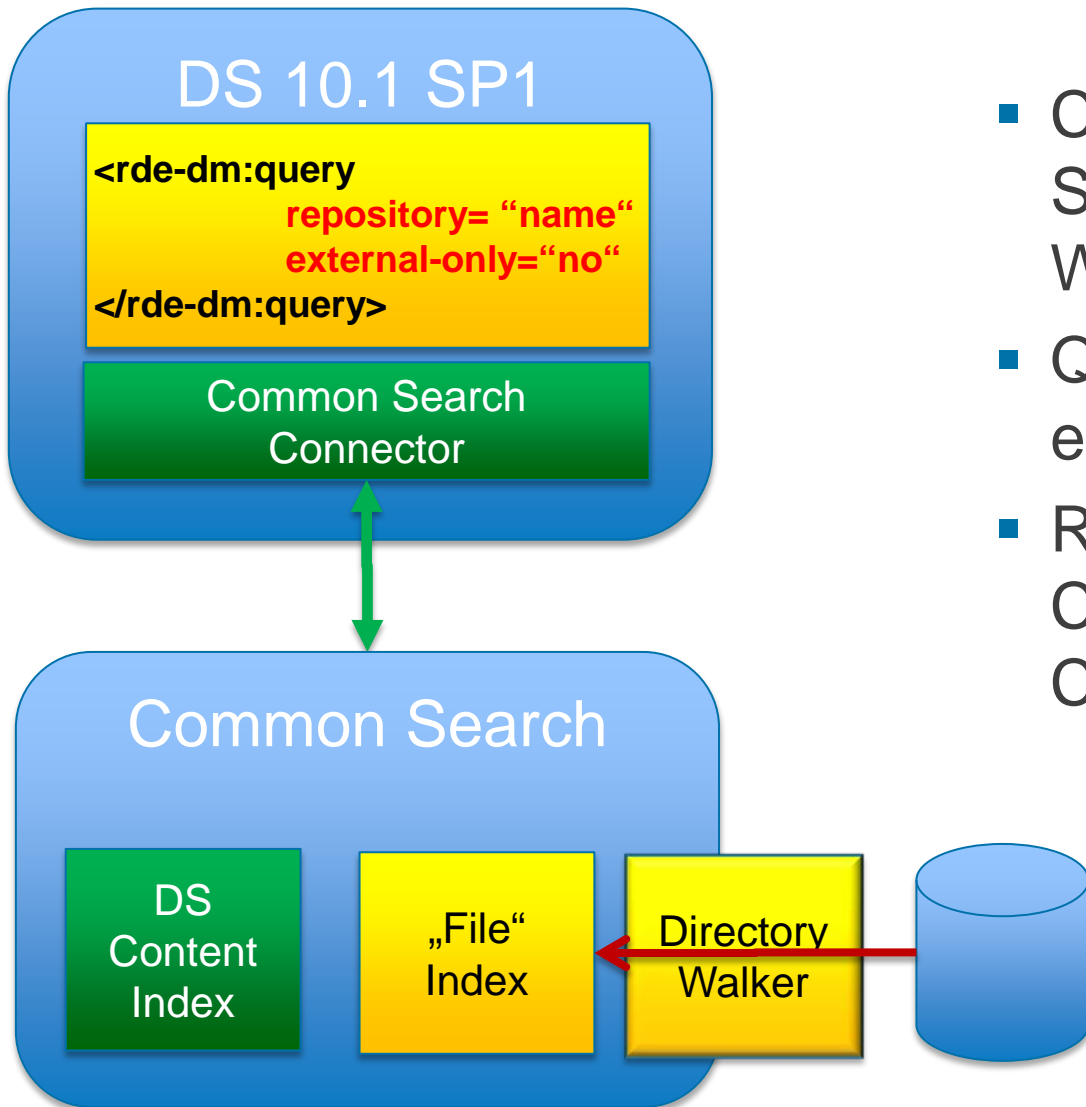
```
  <rde-dm:query-cis>STEM:German [#request:searchValue#]</rde-  
  dm:query-cis>
```

```
</rde-dm:query>
```

Federated Search

Federated Search - Gemischte Suchergebnisse

Projekinhalt und Dateisystem



- Configure Common Search Directory Walker
- Query-DynaMent: external-only="no"
- Read OTWSM Common Search Configuration Guide

More on ... Search Experience

Kein Suchergebnis gefunden

Alternativen vorschlagen:

- Spellcheck einbinden: „Meinten Sie ...“
- Synonyme vorschlagen
- Auf die Content Taxonomie verweisen
- Häufig verwendete Suchbegriffe vorschlagen
- ...

The Challenge - No Match Found

Popular Search
Tag-Cloud

CMS Delivery Frank
Server automobile
 car **cms** redden web

Search Result

Use the following form to search for a string in your web site.

Search Value

Sort by Date Relevancy

Results per page 5 10

Range ▼

Search Result

No items were found for search string car

Synonyms: auto automobile bucket buggy bus dunker compact convertible conveyance coupe gas guzzler hardtop hatchback heap* jalopy jeep junker limousine machine motor motorcar pickup ride* roadster sedan station wagon subcompact touring car truck van wagon wheels wreck*

Search Experience with Delivery Server

- Synonyms from a Dictionary with HTTP-Rest

List of HTTP Connectors

No.	<input type="checkbox"/>	Name	Description
1	<input type="checkbox"/>	OpenThesaurus	
2	<input type="checkbox"/>	WebSpellChecker	
3	<input type="checkbox"/>	dictionary	
4	<input type="checkbox"/>	otsc-wsgbpp	
5	<input type="checkbox"/>	rdsm919ae81	

Edit HTTP Connector

REST HTTP Connector

- General
- Authentication
- Prepared Operations(4)
 - synonym
 - spelling
 - dictionary
 - thesaurus
- Header(0)
- Request Parameters(4)

Prepared Operations → thesaurus → Request Parameters

Properties			
	Name	Value	Ac
1	vid	satlk	
2	type	define	
3	site	thesaurus	
4	q	[#param:query#]	

```

<rde-dm:attribute attribute="rde-id:id:search-results.@hits" mode="condition" op="eq" value="0" tag="notag">
  <rde-dm:if>
<thesaurus>
<rde-dm:http mode='operation' name='dictionary' operation='thesaurus' process-mode='' rde-id='' report-tag=''>
  <rde-rd:param name='query'>[#request:bppSearchValue#]</rde-rd:param>
</rde-dm:http>
</thesaurus>
  </rde-dm:if>
  
```



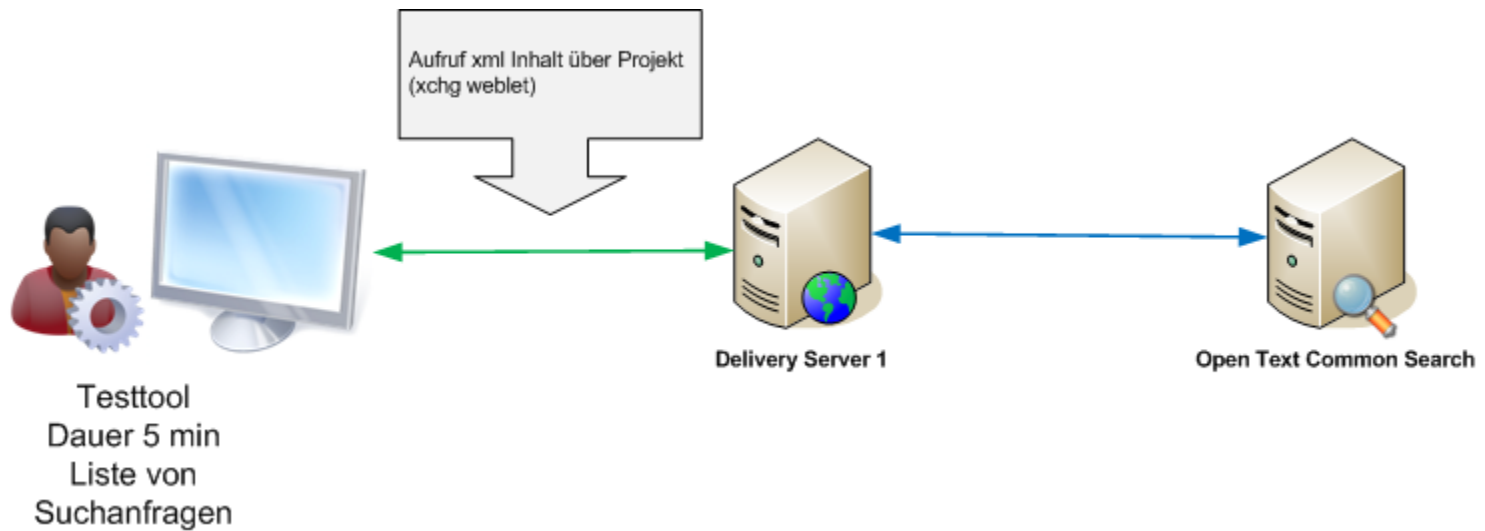
Ausblick

Delivery Server 11.0 SP1

- Search with OT Common Apache Solr
 - Neuer Suchkonnektor
 - WSM testet gegen OT Common Apache Solr
 - Fulltext
 - Multi-Language
 - Metadaten Typen
 - File Content
 - Related Content, Facetten
 - Hit Analyse, Auto-Suggest, Spellchecker
- OTSN in the Cloud for DS Search
- Common Search 1.2

Performance bei der Suche

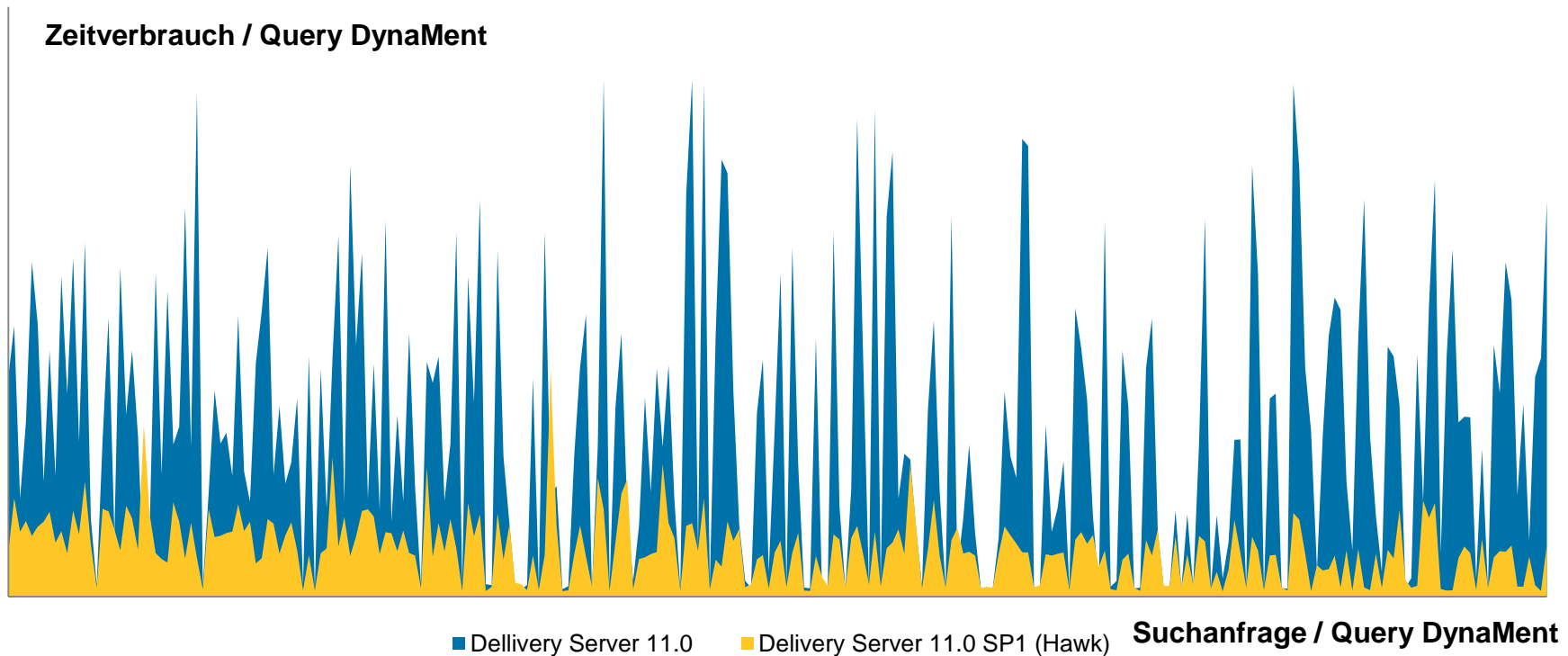
[The battle Swan against Hawk]



Beispiel 1 – Öffentliche Webseite

- Query DynaMent ohne Constraintprüfung

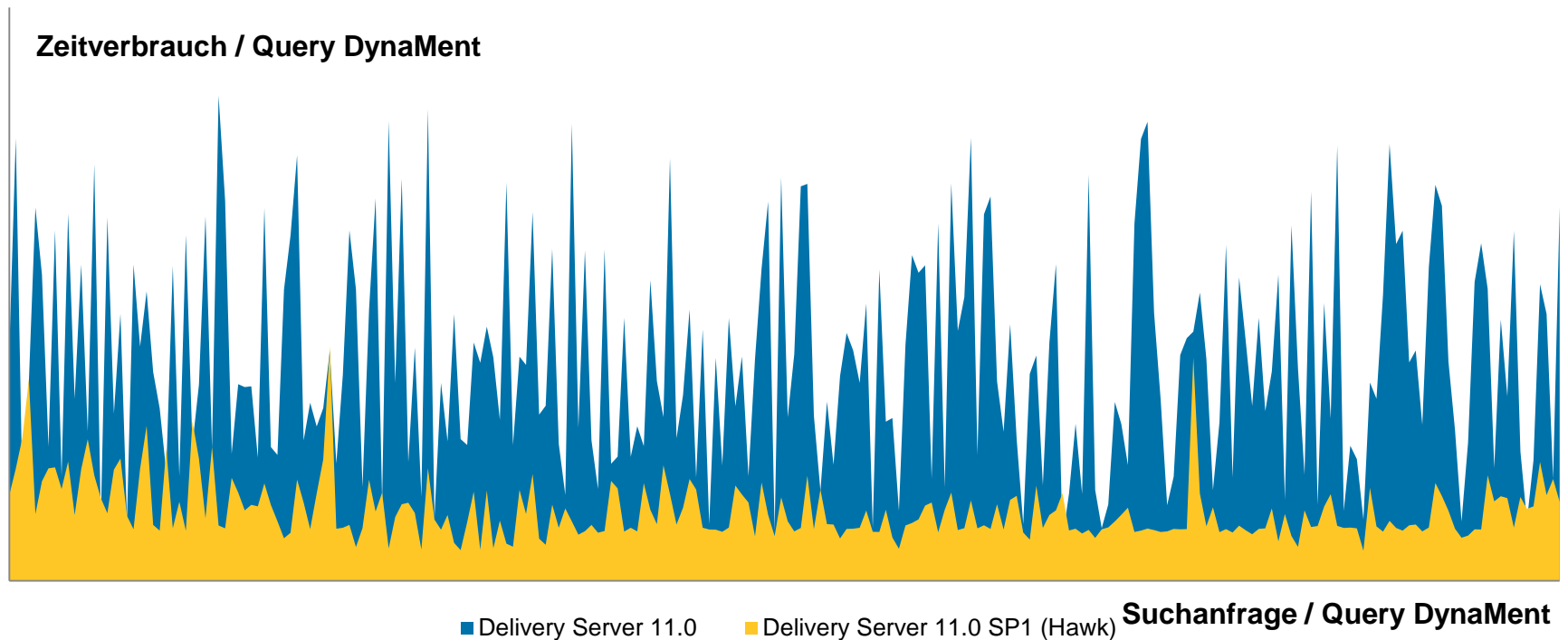
```
<rde-dm:query ignore-constraints="completely" ...>
```



Beispiel 2 - Intranet

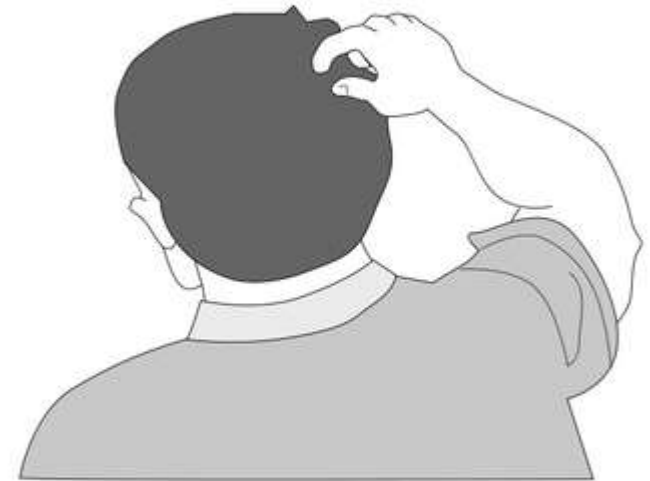
- Query DynaMent mit Permissions für Benutzergruppen

```
<rde-dm:query ignore-constraints="permission" ..>
```



Worüber wir nachdenken

- Solr Suche im Management Server
- Search Experience out-of-the-box
- Keyword Taxonomien als Facetten
- ...



Vielen Dank