#### **EBSCOs Motivation im FOLIO-Projekt**

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Some FOLIO Community Participants	Role in the Community
Libraries	Guiding, Discussing, Developing, Collaborating
OLE	Organizing, Community-Building, Developing
Index Data	Listening, Developing, Providing Seed Code, Managing Code Releases
EBSCO	Funding, Ensuring, Integrating, Hosting, Supporting, Sustaining
ByWater	Supporting, Hosting, Sustaining
BiblioLabs	Integrating, Developing, Sustaining
SirsiDynix	Integrating, Hosting, Supporting, Sustaining
Many Others (all welcome)	Each is Unique – all participation will go toward Sustaining the project



# EBSCO unterstützt die Entwicklung von Open-Source-Bibliotheksplattformen, denn:

Branchenvereinheitlichung bedeutet weniger Innovation und Wahlmöglichkeiten; unüberwindbare Bündelung von Software hindert Einführung von EBSCO-Produkten.

Offene Technologien lassen das Spielfeld fairer werden und helfen damit auch EBSCO bei der Einführung hauseigener Produkte.

FOLIO bricht das starre Bibliothekssystemgerüst auf und betont Innovation. Bibliotheksbudgets werden für neuartige Services frei.



"Walled Gardens""Kleingärtnerei"



#### **FOLIO**

**EBSCOs Motivation** 

- EBSCO ist der Überzeugung,
   Bibliotheken benötigen mehr LSP-Auswahlmöglichkeiten.
- Jeder Bibliothek sollte die Chance offenstehen, eine "Best-of-Breed-Umgebung" auszusuchen und zusammenzustellen.
- FOLIO wird zu Budget-Ersparnissen verhelfen; derzeit werden jährlich weltweit \$660M für LMS ausgegeben.
- Open-Source-Systeme mit
   Unterstützung kommerzieller Firmen
   können neue Wege eröffnen.



#### **FOLIO**

**EBSCOs Ziele** 

- Zugangsmöglichkeiten zu einem Markt in Höhe von \$660M, der EBSCO bislang verschlossen geblieben ist.
- Flexible Wahlmöglichkeiten eröffnen EBSCO Optionen, diese Bereiche zu sondieren.
- Breitere Einführung von FOLIO ermöglicht einfachere Integration von EBSCO-Produkten und -Services => Ende der "Walled Gardens".
- Service- und Lösungsmodelle können in dem entstehenden Raum erwachsen.
- Ersparnis durch Modularisierung und "Commoditizing" von LSP/ILS/LMS-Bestandteilen => freiwerdendes Budget z.B. auch für Datenbanken.



#### **FOLIO**

**EBSCOs Rolle** 

 EBSCO finanziert einen Großteil der Open-Source-Entwicklung von FOLIO.

- EBSCO stellt Ressourcen fürs Projektmanagement sowie "Community Engagement".
- EBSCO wirkt als Partner in der Gemeinschaft aus Bibliotheken, Bibliotheksdienstleistern, OLE, Index Data und weiteren Technologiepartnern.



- 1. Finanzierung
- 2. Integration
- 3. Hosting & Services



# Finanzierung



# https://www.folio.org/collaboration/

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# **EBSCO**

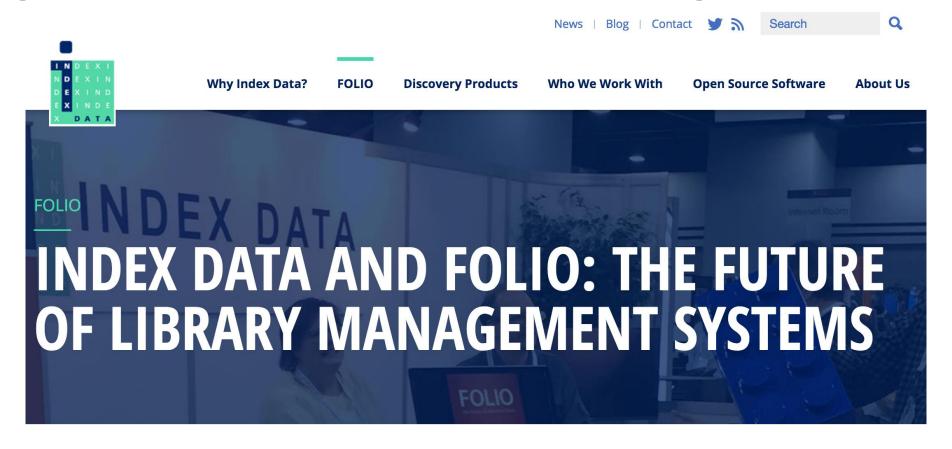
Bislang 60+ ILS-Partnerschaften

Darunter OS-Projekte wie Koha

**EBSCO:** Finanzierung



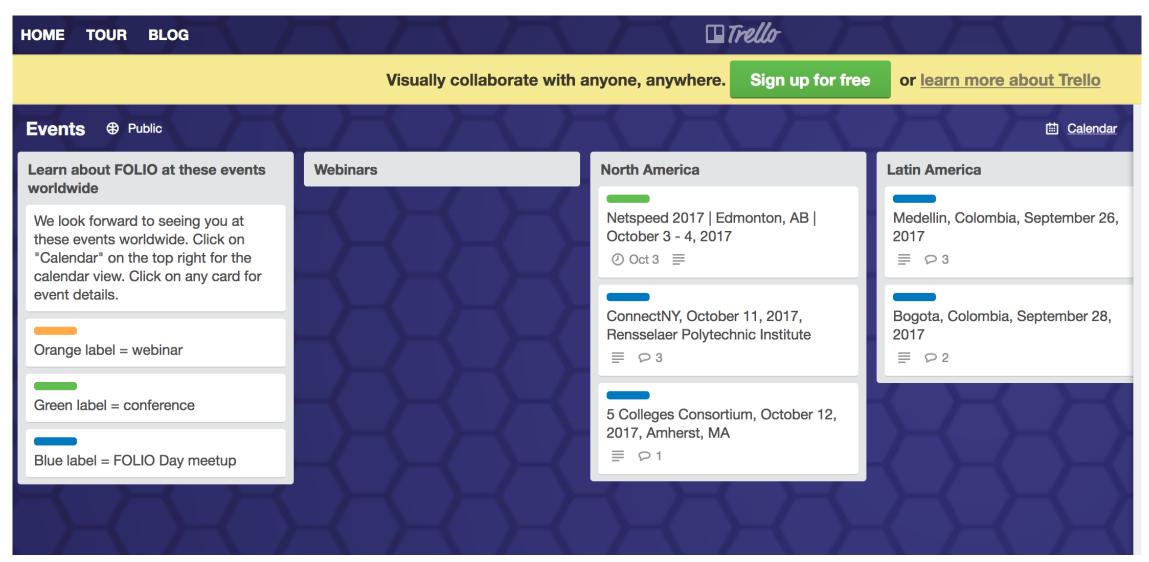
#### Enge Zusammenarbeit mit & Finanzierung von Index Data



Index Data is leading the technical development of FOLIO, an innovative open source library platform designed to support the collaboration of libraries, developers, and vendors in creating new kinds of library services.



### Marketing-Unterstützung: http://events.folio.org/





# Integration

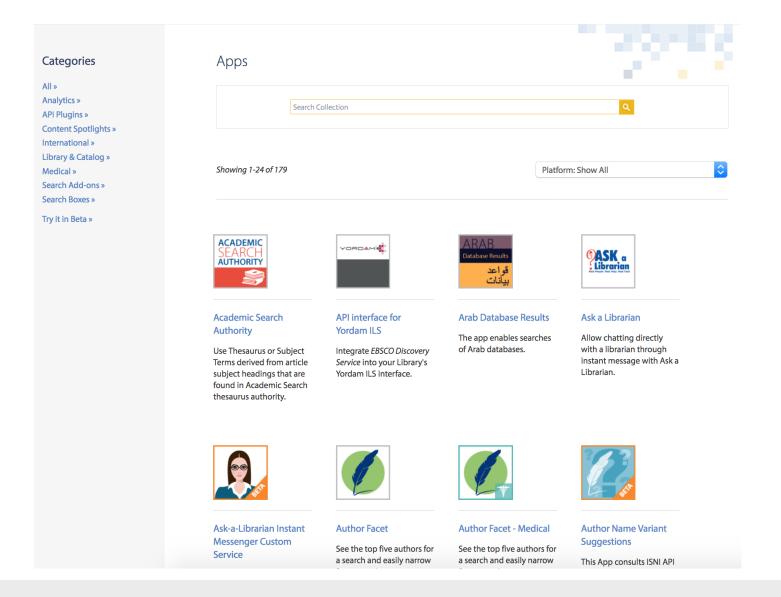


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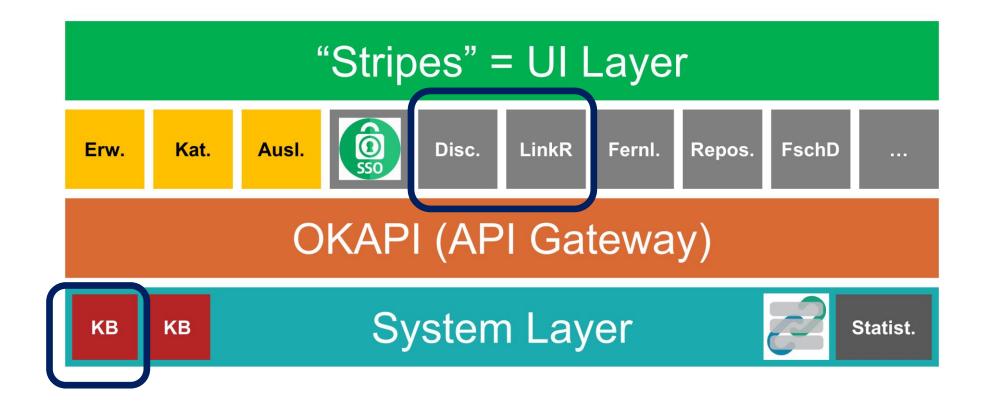
#### Den Gedanken eines modularen "App Store" weiterdenken:



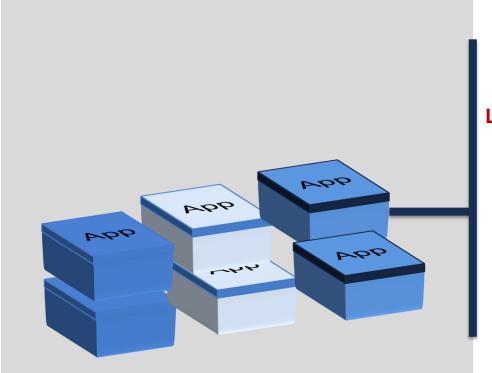


# Einige Integrationsmöglichkeiten in FOLIO

#### Die Plattform







Linked Data Triplestore
Data Mining
Forschungsdaten
Repositorien
"Learning Management"
Museenspezifika
Ressourcenplanung
Weiterf. Analysen
Lehrergebnisverwaltung

Ausbaufähigkeit—besondere Module

Jenseits des klass. ILS/LMS/LSP: der FOLIO-Unterschied



# Hosting & Services



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# Platform as a Service







Projektmanagement
Datenmigration
Training
Hosting
Regulärer Support
Beratung
Integrationsservices
App-Anpassung

# Hosting, Service & Support

durch Dienstleister oder Eigenhosting



#### Was ist "FSE"?



#### Hosting+

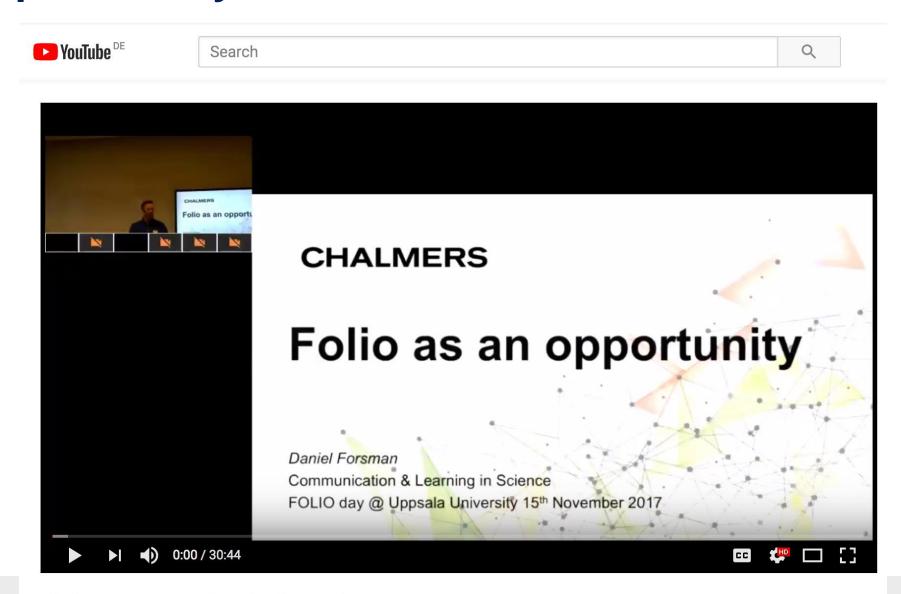
- FOLIO-Hosting
- Support / Entwicklung
- App-Zertifizierung / Qualitätsmanagement
- Berichtswesen

#### **Professional Services**

- Projektmanagement
- "Change Management"
- FOLIO-Expertise
- Migrationsservices
- Daten- & Workflow-Analysen



#### https://www.youtube.com/watch?v=2\_KH2FIrIUU



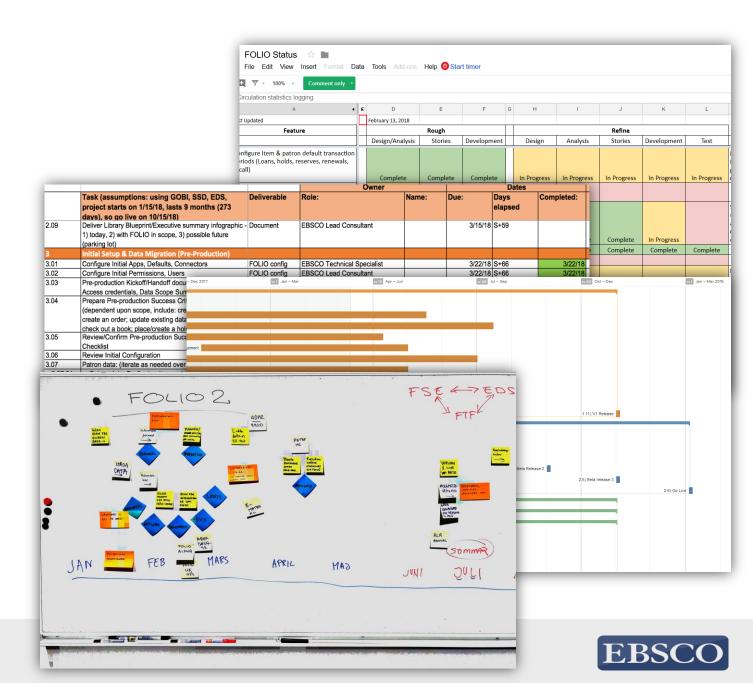


# **Projektplanung**

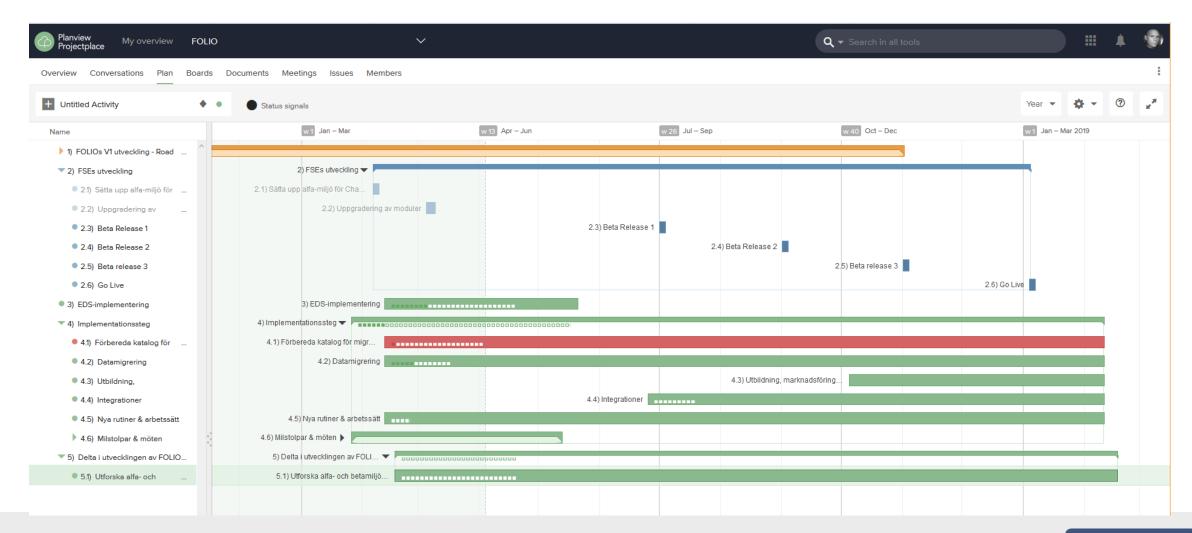
#### Plankomponenten:

- FOLIO <u>Dev-Plan für V1</u>
- FSE-Plan
- Kickoff-Daten
- EDS-Implementierplan

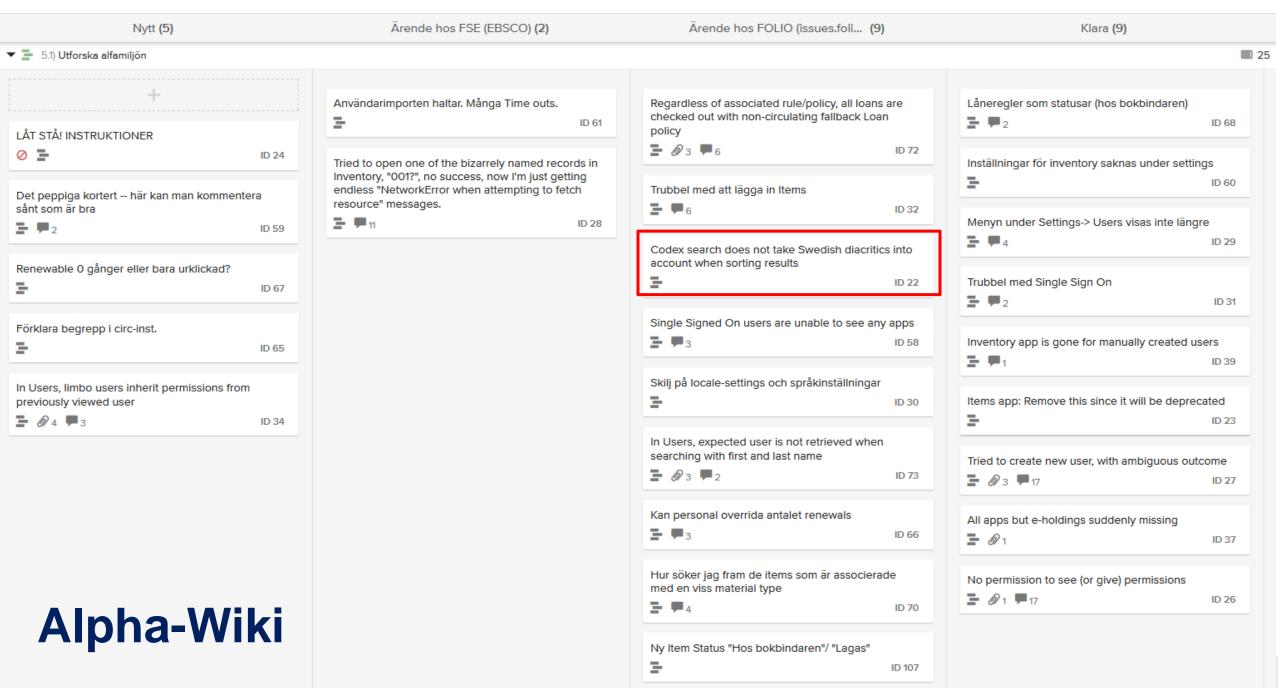
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# **Projektplanung**







## **Datenanalyse**

Datenanalyse als "Produkt"

#### **Anwendbarkeit:**

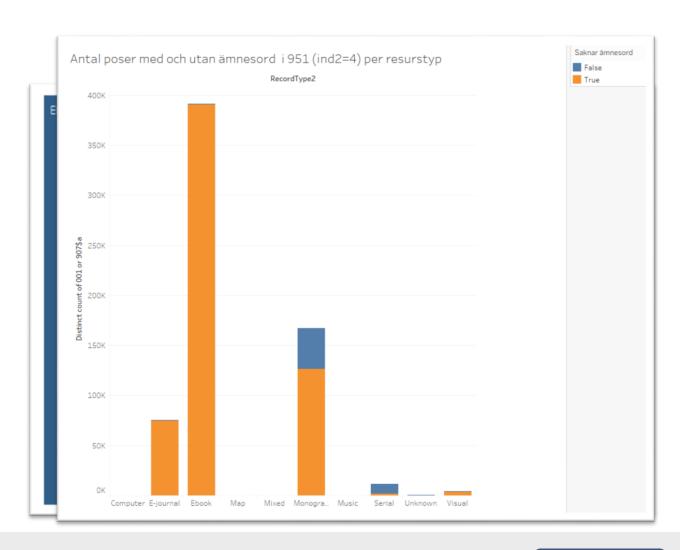
- Datenbereinigung
- Workflow-Analysen
- Verschlagwortungsüberprüfung
- Nutzerdatenkategorisierung
- •

#### Ablauf:

- 1. Extraktion
- 2. JSON- oder CSV-Transf.
- 3. Anreicherung
- 4. Analyse in Tableau
- 5. Export

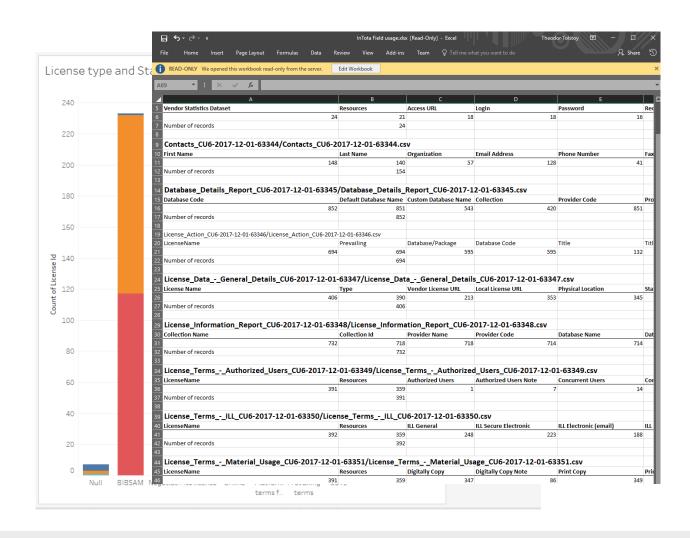


# **BIB-Datenanalyse**





# **ERM-Analyse**





# **Nutzermapping**

```
"id": 1012000,
"updatedDate": "2016-01-13T15:08:13Z",
"createdDate": "1999-10-27T19:44:00Z",
"deleted": false,
"suppressed": false,
"names": [
    "Leif Långsynt"
],
"barcodes": [
    "00000000000"
"expirationDate": "2015-01-31",
"emails": [
    "someone@chalmers.se"
"patronType": 50,
"patronCodes": {
    "pcode1": "-",
    "pcode2": "-",
    "pcode3": 90,
    "pcode4": 0
"homeLibraryCode": "hbib",
"message": {
    "code": " "
```

```
"username": "ABCDEFGHIJKLMNOPORSTUVWXYZA",
"id": "ABCDEFGHIJKLMNOPORSTUVWXY",
"externalSystemId": "ABCDEFGHI",
"barcode": "ABCDEF",
"active": true,
"type": "ABCDEFG",
"patronGroup": "ABCDEFGHIJKLMNO",
"meta": {},
"proxyFor": [
  "ABCDEFGHIJ"
"personal": {
 "lastName": "ABCDEFGHIJKLMNOPQRSTUVWXYZABC",
 "firstName": "ABCDEFGHIJKLMN".
  "middleName": "ABCDEFGHIJKLMNOPQRSTUVW",
 "email": "ABCDEFGHIJKLMNOP",
 "phone": "ABCDEF",
 "mobilePhone": "ABCD",
  "dateOfBirth": "ABCDEFGHIJKLMNOPQRSTUVWXY",
  "addresses": [
      "id": "ABCDEFGHIJKLMNOPO",
      "countryId": "ABCDEFGHIJKLMNOPQRSTUVWXYZABC",
      "addressLine1": "ABCDEFG",
      "addressLine2": "ABCDEFGHIJKLMNOPQRSTUVWXYZAB",
      "city": "ABCDEFGHIJKLMNOPQRSTUVWXYZA",
      "region": "ABCDEFGHIJKLMNOPQRSTUVWXYZABC",
```



# **Bestandsmapping**

```
"id": "1303086",
    "updatedDate": "2018-02-06T11:18:24Z",
    "createdDate": "2004-06-08T09:29:00Z",
    "deleted": false,
    "bibIds": ["1276816"],
    "location": {
           "code": "hbibo",
           "name": "Main Library Johanneberg (Open shelf Floor 1)"
    "status": {
           "code": "-",
           "display": "AVAILABLE",
            "duedate": "2018-05-07T02:00:00Z"
    "barcode": "1202438087",
    "callNumber": "qad Skansholm",
    "itemType": "Loan 90/14 days",
    "fixedFields": {
            "57": {
                    "label": "BIB HOLD",
                    "value": "true"
[MANY MORE FIXED FIELDS GO IN HERE]
    "varFields": [{
           "fieldTag": "b",
            "content": "1202438087"
   }, {
           "fieldTag": "c",
           "content": "gad Skansholm"
    }]
```

```
"materialTypeId": "",
"permanentLoanTypeId": "",
"holdingsRecordId": "0a5a467b-f63b-4afa-9693-527c5cff09e5",
"id": "196897a8-b1f8-436b-9918-99736f49c1cf",
"barcode": "1202438087",
"enumeration": "".
"chronology": "",
"pieceIdentifiers": [""],
"numberOfP
"notes": [ {
                   "instanceId": "1276816",
"status":
                   "id": "0a5a467b-f63b-4afa-9693-527c5cff09e5",
                   "permanentLocationId": "hbibo",
                   "electronicLocation": {
"temporary
                           "platformId": "",
"temporary
                           "uri": ""
                   "callNumber": "gad Skansholm",
                   "holdingsStatements": [""]
```



## Ausleihdaten

A	В	c	D	E	F	G	н		J	К	
RECORD #(BIBLIO)	LIB. HAS(CHECKIN)	LOCATIONS(CHECKIN)	SHELVED	NOTE	CHECK-IN	CKIN INFO	RECORD #(CHEC	INT. NOTE	SHELVED	LOCATION	OLD ORD # V
b11269972			Нр	Ind.=4;"AVBESTÄLLD fr.o.n	n. 1993"	I 0 1;"1 v. no. 5 r (yea	c1000001x		Нр	hbib	495
b11270251			QCp			I 0 1;"1 v. no. 0 r (yea	c10000021		QCp	hbib	52x
b11270263			TPp	AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000033	Faxon 1992-199	ТРр	hbib	628
b11270275			Нр	Ind.=4 AVSKRIVEN, FINNS	ONLINE	I 0 1;"1 v. no. 0 r (yea	c10000045		Нр	hbib	388
b11270305	1.1nInd.=2 AVSKRIVEN		QAp			I 1 0 1;"1 v. no. 0 r (ye	c10000057	Faxon 1992-199	QAp	hbib	664
b11270329			QCp	AVSKRIVEN Ind=6		I 0 1;"1 v. no. 0 r (yea	c10000069		QCp	hbib	548
b1127038x			TPp	AVSKRIVEN		I 0 1;"1 T. no. 0 r (yea	c10000070		ТРр	hbib	1089
b11270408			Folp 121	AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000094		Folp 121	hbib	4183
b11270433			TLp	AVSKRIVEN FR.O.M. 2000,	FINNS ONLINE (MCB)	I 0 1;"1 v. no. 0 r (yea	c10000100		TLp	hbib	584
b11270524			TSp	Ind.=läst AVSKRIVEN.		I 0 1;"1 v. no. 0 r (yea	c10000112		TSp	hbib	2280
b11270639			TPp	AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000124	1992-1998 SWE	ТРр	hbib	1015
b11270706			TPp	AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000136		ТРр	hbib	996
b11270755			TPp	AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000148	1992-1993 FAXO	ТРр	hbib	1196
b11270822			QAp Ame	Ind.=2 AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c1000015x	Faxon 1992-199	QAp Ame	hbib	842
b11270834				AVSKRIVEN		I 0 1;"1 v. no. 1 r (yea	c10000161	Faxon 1992-199	3	hbib	851
b11380706			TJp			I 0 1;"1 v. no. 0 r (yea	c10000173	Faxon europe 1	TJp	hbib	4227
b11270883			QCp Ame	Ind.=fri AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000185	Faxon 1992-199	QCp Ame	hbib	87x
b11270998			QDp	Ind.=2 AVSKRIVEN, FINNS	ONLINE	I 0 1;"1 v. no. 0 r (yea	c10000197		QDp	hbib	14529
b11271024			QDp	TITEL NDRING 2000 : SE K	ATALOGEN	I 0 1;"1 v. no. 0 r (yea	c10000203		QDp	hbib	1721
b1127105x				AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000215			hbib	1641
b11271073			ТКр	Ind.=11/12 AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000227		ТКр	hbib	1712
b11271127			QAp	Ind.=3 AVSKRIVEN		I 0 1;"1 v. no. 1 r (yea	c10000239		QAp	hbib	1623
b11271152			TSp			I 0 1;"1 v. no. 0 r (yea	c10000240		TSp	hbib	2075
b11271231			TJp	Ind.=6 AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000252		TJp	hbib	2709
b11271255			TDp	Ind.=I�st AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000264		TDp	hbib	2271
b11271292			NAp	AVSKRIVEN		I 0 1;"1 v. no. 0 r (yea	c10000288		NAp	hbib	2191
b11271310			NAp	AVSKRIVEN.		I 0 1;"1 v. no. 0 r (yea	c1000029x		NAp	hbib	2656



#### **Recht herzlichen Dank!**

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