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**BHL-Europe**

**Technical Note**

# **Prepare PreIngest for GRIB prototype API**

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***eContentplus***

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<sup>1</sup> OJ L 79, 24.3.2005, p. 1.

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## 1 Document History

### 1.1 Contributors

A discussion about the specifications was initiated and the following persons provided input that was used for the present document.

Person	Partner
Alexander Herzog	AIT
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### 1.2 Revision History

Revision Date	Author	Version	Change Reference & Summary
30.6.2010	Alexander Herzog	1.0	
09.09.2010	Boris Jacob	2.0	

### 1.3 Distribution

This document has been distributed to:

Group	Date of issue	Version

## 2 Purpose of this document

Version 1 of this document provided information on the outcome of the GRIB prototype testing done in BHL-Europe Sprint 1.

This Version 2 provides information on the outcome of the GRIB prototype testing after the GRIB had been moved to the productive system.

For specifications on the GRIB SRU see EDIT Component 5.106 “Implementation of an im-/export data interface to and from CDM”.

## 3 Scenarios and testing

### 3.1 Scenario 1: Retrieve metadata to a given PPN

Description: Search for a specific PPN (Pica Production Number = GRIB internal unique identifier) within the GRIB and retrieve related metadata in MARC21.

Method: SRU (<http://kavial.gbv.de/sru/DB=1.83>)

Request:

Searchfield & Searchstring requesting for MARC21 record: (pica)[PPN] PICA  
Prod.-Nr. = 00108240X

Response:

<http://kavial.gbv.de/sru/DB=1.83?query=pica.ppn+%3D+%2200108240X%22&version=1.1&operation=searchRetrieve&stylesheet=http%3A%2F%2Fkavial.gbv.de%2Fsru%2F%3Fxml%3DsearchRetrieveResponse&recordSchema=marc21&maximumRecords=10&startRecord=1&recordPacking=xml&sortKeys=none&x-info-5-mg-requestGroupings=none>

Result: OK

Comment: Other retrievable record schemas besides MARC21: DC (Dubli Core), Pica, Unimarc, Unimark short, Pica short

### 3.2 Scenario 2: Retrieve PPN for a given set of metadata

Description: Search for a given set of metadata within the GRIB and retrieve the related PPN.

Method: SRU (<http://kavial.gbv.de/sru/DB=1.83>)

Request Searchfield & Searchstring requesting for MARC21 record: (pica)[TIT] Titel  
(Stichwort) = Charles Darwin's lost Cinereous Harrier found in the  
collection of the National Museum of Natural History Leiden

Response:

<http://kavial.gbv.de/sru/DB=1.83?query=pica.tit+%3D+%22Charles+Darwin%2%80%99s+lost+Cinereous+Harrier+found+in+the+collection+of+the+Nati+onal+Museum+of+Natural+History+Leiden%22&version=1.1&operation=searchRetrieve&stylesheet=http%3A%2F%2Fkavial.gbv.de%2Fsru%2F%3Fxml%3DsearchRetrieveResponse&recordSchema=marc21&maximumRecords=10&startRecord=1&recordPacking=xml&sortKeys=none&x-info-5-mg-requestGroupings=none>

PPN in field 954b: 00345259X

Result: OK

Comment: Other retrievable record schemas besides MARC21: DC (Dubli Core), Pica, Unimarc, Unimark short, Pica short

### 3.3 Scenario 3: Ask for digitisation status for a given metadata entry

Description: Searching for a PPN and retrieve the digitisation status of the related metadata entry.

Method: JSON API (<http://bhleurope.gbv.de//api?id=bhleurope:ppn:>)

Request: <http://bhleurope.gbv.de//api?id=bhleurope:ppn:003248348>

Response: {"timestamp": "2010-07-23 00:00", "options": [], "status": "8305", "modifiedby": "EDIT", "id": "bhleurope:ppn:003248348" }

Result: OK

Comment: For status IDs see: EDIT Component 5.106 "Implementation of an im-/export data interface to and from CDM"

### 3.4 Scenario 4: Change digitisation status for a given metadata entry

Description: 1st See: "Ask for digitisation status for a given metadata entry", 2nd Log in, 3rd Change the digitisation status

Method: JSON API (<http://bhleurope.gbv.de//api?id=bhleurope:ppn:>)

Request login :

<http://bhleurope.gbv.de//api?id=bhleurope:ppn:003248348&login=1&user=EDIT>

Response: {"timestamp": "2010-07-23 00:00", "options": ["8300", "8301", "8302", "8303", "8304", "8305"], "status": "8305", "modifiedby": "EDIT", "user": "EDIT", "id": "bhleurope:ppn:003248348" }

Request setting status:

<http://bhleurope.gbv.de//api?id=bhleurope:ppn:003248348&status=8301>

Response: {"timestamp": "2010-08-31 18:43", "options": ["8300", "8301", "8302", "8303", "8304", "8305"], "status": "8301", "modifiedby": "EDIT", "user": "EDIT", "id": "bhleurope:ppn:003248348" }

Request logout and looking at status again:

<http://bhleurope.gbv.de//api?id=bhleurope:ppn:003248348&logout=1>

Response: {"timestamp": "2010-08-31 18:43", "options": [], "status": "8301", "modifiedby": "EDIT", "id": "bhleurope:ppn:003248348" }

Result: OK

### 3.5 Scenario 5: Update GRIB record with URL from BHL-Europe

Description: BHL-Europe Pre-Ingest sends URL of scanned publication to the GRIB, GRIB updated the related metadata record with the URL, linking to BHL-Europe.

Method: JSON API (1st search for related PPN, 2nd take related URL).

Request: Not implemented, cannot be tested at the moment.

Response: None

Result: None

Comment: Discussion is ongoing.