

When the Processing Slips Learned to Move...

Healing the Media Break

Alexander Wagner
Karlsruhe, 5--9 October 2026

Overview



- > DESY Library
- > The Final Boss
- > Ingredients
- > Process
- > One Click to Rule Them All



- > **DESY = Large-scale facilities**
3000 staff, €350M/a, 90% federal / 10% state funding
Particle, synchrotron, accelerator, astroparticle physics
- > **Specialised library for the Natural Sciences**
- > 100,000 volumes (45,000 titles in catalogue)
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HH	ZEU
005. 133	005. 133
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Founding partner of JOIN²



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Bemerkungen:	
Meschede, Dieter Gerthsen Physik : 22., völlig neu bearb. Aufl. 1157 Seiten (3) 3540026223	
*Datum:	2025-03-07
*Lieferant:	Unikneuen
*IST:	948767_sjs
*Preis:	6.66
Erwerbung	
*ISBN:	93226
*Signatur:	530.07 Mesch
*Biblio-No.:	54953
*Barcode:	068021
*DDC:	936.0752
*Exemplar:	
*Standort:	DE-H253 ☐ Hamburg ☒ xFEL EU ☐ Zuerthen ☐ Online Library
*Collection:	☐ Main ☐ Reference ☐ Edu ☐ FS ☐ Proceedings ☐ eBook ☐ Database ☐ Stacks
*Katalogist:	☐ OKD-Holdings ☐ Katalogverknüpfungen ☐ Inhaltsverzeichnis ☐ ProQuest Link
*Ausstattung:	☐ Zugangsnummer ☐ Barcode drucken ☐ RFID einkleben
*Stempel:	☐ DESY (Sigel, 4x klein) ☐ xFEL EU: nur xFEL EU Sigel ☐ Geschenk? ☐ DESY Verlagsreihe nach ZEU
Leserausweis v.h.? ☐ Ja ☐ Nein ☐ Vermerkung eingetragen	
Katalogisierung	
☐ HSK stempeln / nachtragen ☐ B247... Identifier eingeben: ☐ 1919+ ☐ Loc ☐ BNL ☐ OAB ☐ DOI ☐ 062 DDC 930.0752 ☐ 063 DDC weitere ☐ 300 Beilagen ☐ 585 Inhalt/Kapitel	859...7 Schlagworte: ☐ Popular science ☐ Textbook ☐ Education ☐ DDC-Tagger ☐ 713 / 717 Band-Verknüpfungen ☐ Gesamtinhaltsaufnahme ☐ 775, 780, 785 Ausgabenverknüpfung ☐ Signatur 930.07 Mesch ☐ 8584... u / y Inhaltsverzeichnis ☐ Volltext anhängen ☐ OpenAccess ☐ ja ☐ nein

The Final Boss: Processing Slip

Healing the Media Break

- > Short title cataloguing (for when the slip leaves the book...)
- > Printable (on real paper...)
- > Fillable by hand (with pencil)
 - Text fields
 - Checkboxes
 - Radio buttons
 - Free space (for notes)

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*Signatur:	530.07 Mesch
*Biblo-No.:	54953
*Barcode:	068021
*DDC:	536.0712
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☐ HSK stempeln / nachtragen ☐ B247... Identifier eingeben: ☐ 'N10+ ☐ 'Loc ☐ 'BML ☐ 'SMB ☐ 'DOI ☐ 'b62 DDC 536.0712 ☐ 'b63 DDC weitere ☐ 300 Beilagen ☐ 565 Inhalt/Kapitel	858...? Schlagworte: ☐ Popular science ☐ Textbook ☐ Education ☐ DDC-Tagger ☐ 713 / 710 Band-Verknüpfungen ☐ Gesamtinhaltsaufnahme ☐ 715, 716, 718 Ausgabenverknüpfung ☐ 'Signatur 530.07 Mesch ☐ 8584... u / y Inhaltsverzeichnis ☐ Volltext anhängen ☐ OpenAccess ☐ ja ☐ nein

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Many values already in the bibliographic record

(In JOIN²: libRichForms.py)

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Meschede, Dieter
Gerthsen Physik :
22. völlig neu bearb. Aufl.
1157 Seiten (I)
3540026223

Datum: 2025-03-07 Lieferant: Unk. neu WST: 942767_sjs Preis: 6.66

Erwerbung

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☐ 1010 ☐ 100
☐ 001 ☐ 001
☐ 002 DDC 536.0712
☐ 003 DDC weitere
☐ 300 Beilagen
☐ 505 Inhalt/Kapitel

858... 7 Schlagworte:
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100koha.de/xd/8080/cgi-bin/koha/catalogue/... Koha Admin

Search catalog Enter search keywords

Gerthsen Physik

Normal

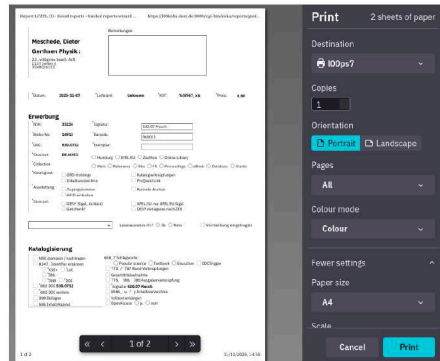
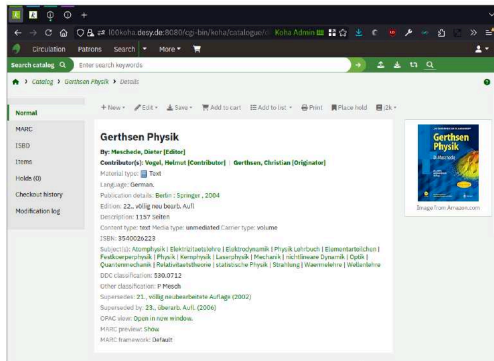
By: Meschede, Dieter [Editor]
 Contributor(s): Vogel, Helmut [Contributor] | Gerthsen, Christian [Originator]

Material type: Text
 Language: German
 Publication details: Berlin : Springer, 2004
 Edition: 22., völlig neu bearb. Aufl.
 Description: 1137 Seiten
 Content type: text Media type: unmediated Carrier type: volume
 ISBN: 3540026223
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 DDC classification: 530.0712
 Other classification: P Physik
 Supersedes: 21., völlig neu bearbeitete Auflage (2002)
 Succeeded by: 23., überarb. Aufl. (2006)
 OPRAC also: Open in new window.
 MARC preview: Show
 MARC framework: Default

Image from Amazon.com

[illegible]

With as little manual effort as possible...



Idea:  Report +  Run with template



Ingredients

>  Reports (→  Permission:  Execute SQL Report)

>  Tools /  Notices and Slips

> ( Plugin)

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Select the data from a bibliographic record
- >  Tools /  Notices and Slips
Formatting into the processing slip
- > ( Plugin)
Streamlines the process

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automatic setup

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But: not rocket science

You can set it up by hand too!

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automatic setup

But: not rocket science

You can set it up by hand too!

- > How do report and bibliographic record find each other?
- > Which permissions are required?
- > How is the slip built?

Report

> Data from `biblio`^{SQL}, `biblioitems`^{SQL}, `items`^{SQL} and `biblio_metadata`^{SQL}

Report

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- > Possible Basis: `barcode`^{SQL}, `biblionumber`^{SQL}
- > ExtractValue() for `special` Fields (e. g. `ddc`)

Report

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- > Possible Basis: `barcode`^{SQL}, `biblionumber`^{SQL}
- > ExtractValue() for special Fields (e. g. ddc)

SQL

```
SELECT biblio.*, biblioitems.*, items.*,  
       ExtractValue(biblio_metadata.metadata, '//datafield[@tag="035"]/subfield[@code="a"]') AS nsk,  
       ExtractValue(biblio_metadata.metadata, '//datafield[@tag="082"]/subfield[@code="a"]') AS ddc,  
       ExtractValue(biblio_metadata.metadata, '//datafield[@tag="083"]/subfield[@code="a"]') AS oddc  
FROM items  
  LEFT JOIN biblioitems  on (items.biblioitemnumber=biblioitems.biblioitemnumber)  
  LEFT JOIN biblio       on (biblioitems.biblionumber=biblio.biblionumber)  
  LEFT JOIN biblio_metadata on (biblio_metadata.biblionumber=biblio.biblionumber)  
WHERE biblio.biblionumber IN <<Biblionumber|list>>
```

Notices and slips

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- > One tab per output for
  Print,  eMail,  SMS
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Tab  Format for styling
(Inline CSS is also possible)

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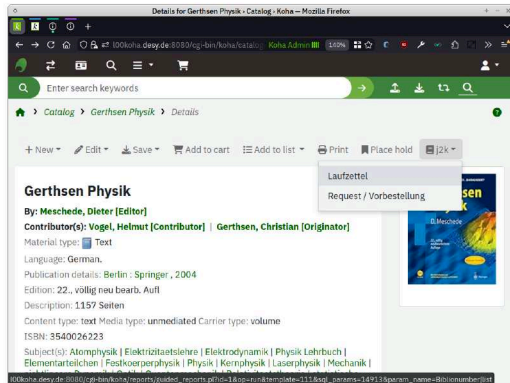
```
[%- USE KohaDates -%]  
[% FOREACH b IN data %]  
<link href="https://fonts.googleapis.com/css?family=Libre+Barcode+39+Extend  
<style> <!-- inline-css here -->  
  @media only print { <!-- ... --> }  
</style>  
<div style="background: white">  
<fieldset><table class="fullwidth">  
  <tr>  
    <td>&nbsp;</td> <td>Remarks:</td>  
  </tr>  
  <tr>  
    <td>  
      <h2>[% b.author %]</h2>  
      <h2>[% b.title %] : [% b.subtitle %]</h2>  
  
      [% b.editionstatement %]<br/>  
      [% b.pages %] ([% b.publicationyear %])<br/>  
      [% b.isbn %]  
    </td>  
    <td><textarea rows="10" cols="40"></textarea></td>  
  </tr>  
</table></fieldset>  
<fieldset><table class="fullwidth">  
  <tr>  
    <td><sup>*</sup>Date:</td><td><b>[% b.datecreated %]</b></td>  
    <td><sup>*</sup>Supplier:</td><td><b>[% b.booksellerid %]</b></td>  
    <td><sup>*</sup>Cost centre:</td><td><b>%(8767_x)s</b></td>  
    <td><sup>*</sup>Price:</td><td><b>[% b.price %]</b></td>  
  </tr>  
</table></fieldset>  
<!-- ... -->  
</div>  
[% END %]
```

Run manually

- 1  Reports
- 2  Use saved
- 3 Select Processing Slip (the report)
- 4  Run (scroll right...)
- 5 Enter Barcodes /  biblionumbers
- 6  Run the report
- 7 Result table
- 8  Run with template
- 9 Select Processing Slip (the slip)
- 10 Ctrl-P

Run manually → One Click to Rule Them All

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richforms Plugin: Prerequisites

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 - Print-Element (JS in HTML)

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- > Subgroup defines the hook used
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Consistent setup via
InstallKoha / UpdateKoha

Thank you!

Contact

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Synchrotron DESY

www.desy.de

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