

The actual move

recollections and lessons learned

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CERL Seminar

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Who

- The CSLS started operations in February 2016:
 - 5 libraries to start ingestion
 - ~ 2 million books
 - some under pressure, some under extreme pressure...
 - some not finished with preparations

What we did

- Move for all libraries as one move
- GATT/WTO competition
- i.e. one contractor
(but perhaps with subcontractor partners)
- Planning complex, but easier with one contractor

Planning

- Planning for six libraries is difficult
each library is different, has its own speed
 - Planning for ongoing work is difficult
final preparations and packing don't always correspond to the move timetable
- An able coordinator is extremely important
(preferably someone on the storage facility team)

and experiences

- clear contract, but with flexibility
 - as to day-to-day capacity
 - as to overall volume / timetable
- clear contract: where to be taken over (stacks, ramp of library?), and where to be delivered (ramp, or work place / ingestion place)
- clear requirements from library: handling of books and material
- clear requirements: who is packing (but unpacking is not a question)

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- technical requirements for the transport machinery / lorries: Euro 6 conformity
 - direct transports (i.e. no unloading during transport), and certainly no shared goods on transports)

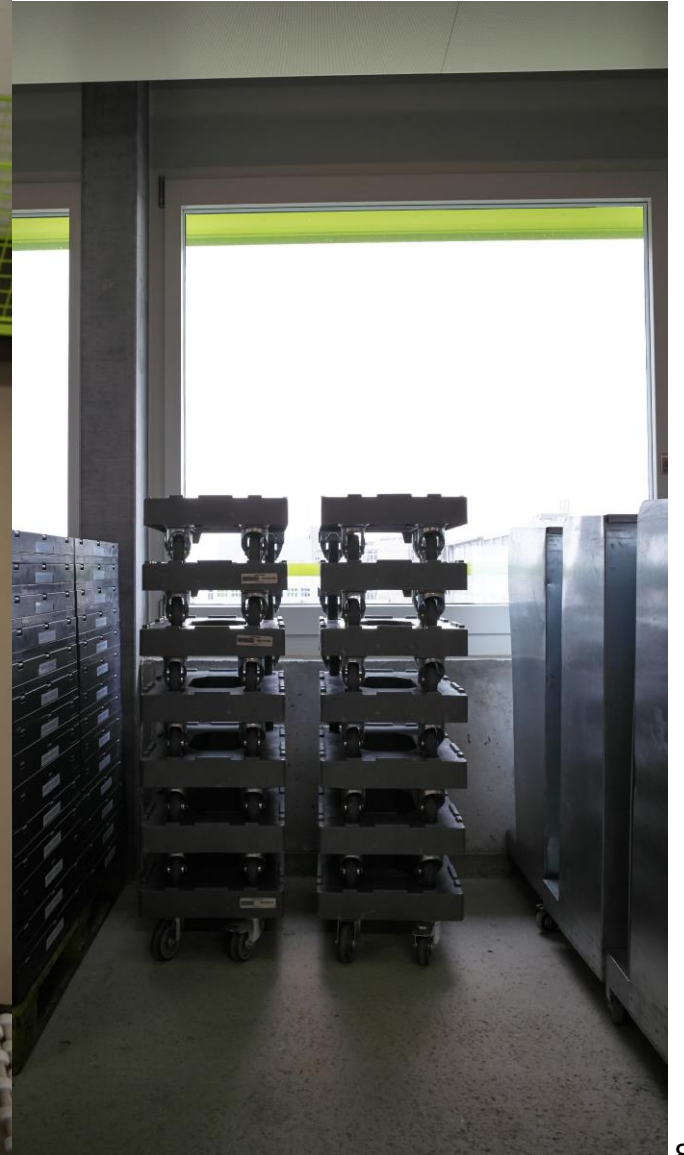
What kinds of transport carts/containers

- Depends on the mover, and on the material moved

What kind

/containers

- Depends on t











First ingestion

- Capacity and precision!
 - **Capacity:** experience from Büron:
 - 1 working place, 8 hours = 1'800 items (average material)
 - 4-6 working spaces equal max capacity of 7'200 items (or 2 truckloads)
- huge differences in material: volumes, boxes, brochures

specialties

- Omnibus volumes
 - Boxes with (usu. thin) volumes / pamphlets / brochures
- Another level of hierarchy!
(an important requirement for the WMS)

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- **Precision:** first ingestion defines “find success” of operations later on

Experience from Büron:

- LMS delivers basic data to WMS
- Ingestion process:
 - Operator chooses size of container
 - Reads barcode of item
 - WMS shows basic data for item; confirmation
 - Operator chooses virtual section of container and puts item in
 - Finishes with another confirmation.



Arbeitsplatz-Betriebsart

Rücklagerung bearbeiten

Transportauftrag ID: 3457323 | Auftraggeber: oswarVMS_B | Datum: 13.11.2019 | Gebinde-Code: LB00003701 | Via Platz: EA21 | Zielplatz: ADL1 | Item-Barcode: ZM01640557 | Pre- and peri-net: ZOSBK | Status: A

Einlagegebilde: LB00003701 | Fach: 6 - 5/6 (010)

Barcode: [Empty field]

In Schachtel: [Empty field] | Alph: 5

Item-Barcode: ZM01640557 | Besitzer: ZOSBK

Titel: gy journal official journal of the Pre- and Peri-Nat. | Mediant: ISSBD

Author: Pre- and Peri-Natal Psychology Associat. | reserviert: [] | ausgeliehen: []

Signatur: UG 3084 | Zuletzt ausgeliehen: 13.11.2019, 13:26:28

Impressum/Description: New York, NY Human Sciences Press, S (1993-1994)

Item-Barcode	Titel	Barcode	Standort	Ankuffdatum	Letzte Bewegung	Fach	Signatur	Author	Impressum/Description	ausgeliehen
22/ZM0154542	Pre- and p...	LB00003701	EA21	09.03.2016	09.03.2016	07_6	UG 3084	Pre- and	New York, NY Human S.	[]
23/ZM00514378	Pre- and p...	LB00003701	EA21	09.03.2016	09.03.2016	07_6	UG 3084	Pre- and	New York, NY Human S.	[]
24/ZM0307016	Pre- and p...	LB00003701	EA21	09.03.2016	09.03.2016	07_6	UG 3084	Pre- and	New York, NY Human S.	[]
25/ZM01640557	Pre- and p...	LB00003701	EA21	09.03.2016	09.03.2016	07_6	UG 3084	Pre- and	New York, NY Human S.	[]
26/ZM0236997	Pre- and p...	LB00003701	EA21	09.03.2016	09.03.2016	07_6	UG 3084	Pre- and	New York, NY Human S.	[]

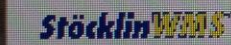
Operationen: [] Einlegen back

Buttons: Aktualisieren, Box versetzen, Box abholen

1140	2300	2900
1170	2310	2950
1210	2400	9110
1220	2410	9120
1240	2500	9130
1270	2510	9140
2100	2600	9150
2110	2610	9160

PL01	SC14
SC11	SC15
SC12	SC16
SC13	

- HOKO
- ORACLE
- activemq
- hostrelay
- jobcommander
- mf
- services
- storekeeper



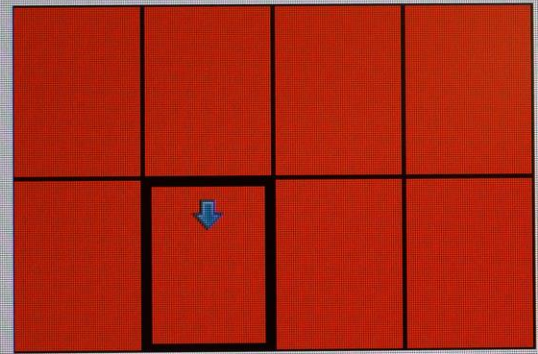
Ereignisse:
Fehler: 0 / (3)
Warnungen: 325 / (25)

Rücklagerung bearbeiten

Aufträge

Transportauftrag ID	Auftragsnr.	Transporttyp	Datum	Gebinde-Code	Von Platz	Via Platz	Ziel-Lager	Zielplatz
3'492'523	createWMS	R	13.11.201...	LB00003701		EA21	ABL1	

Einlagergebände



LB00003701

Fach: 6 - 5/6 (0/0)

Barcode:

ZM01640557

in Schachtel:

Item-Barcode:

ZM01640557

Titel:

gy journal official journal of th

Autor:

Pre- and Peri-Natal Psychology Associati

Signatur:

UG 3084

Impressum/Beschreibung:

New York, NY Human Sciences Press, 8 (1

Inhalt Gebinde (eingebucht)

os	Item-Barcode	Titel	Barcode	Standort	Ankunftszeit	Letzte Bewegung
00	ZM01644542	Pre- and p	LB00003701	EA21	09.03.2016.....	09.03.2016, 07:...

701

0/0)

in Schachtel:

Item-Barcode: **ZM01640557**

Titel: **gy journal official journal of the Pre- and Peri-Nat**

Autor: **Pre- and Peri-Natal Psychology Associati**

Signatur: **UG 3084**

Impressum/Beschreibung: **New York, NY Human Sciences Press, 8 (1993-1994)**

Aleph: **5**

Besitzer: **ZOSBK**


Medienart: **ISSBD**


reserviert: ausgeliehen:


Zuletzt ausgeliehen: **13.11.2019, 13:26:28**

Inhalt Gebinde (eingebucht)

rs	Item-Barcode	Titel	Barcode	Standort	Ankunftszeit	Letzte Bewegung	Fach	Signatur	Autor	Impressum/Beschreibung	ausgeliehen
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24	ZM02307016	Pre- and p...	LB00003701	EA21	09.03.2016,...	09.03.2016, 07:...	6	UG 3084	Pre- and ...	New York, NY Human S...	<input type="checkbox"/>
25	ZM01640557	Pre- and p...	LB00003701	EA21	09.03.2016,...	09.03.2016, 07:...	6	UG 3084	Pre- and ...	New York, NY Human S...	<input checked="" type="checkbox"/>
26	ZM02306997	Pre- and p...	LB00003701	EA21	09.03.2016,...	09.03.2016, 07:...	6	UG 3084	Pre- and ...	New York, NY Human S...	<input type="checkbox"/>

 Aktualisieren

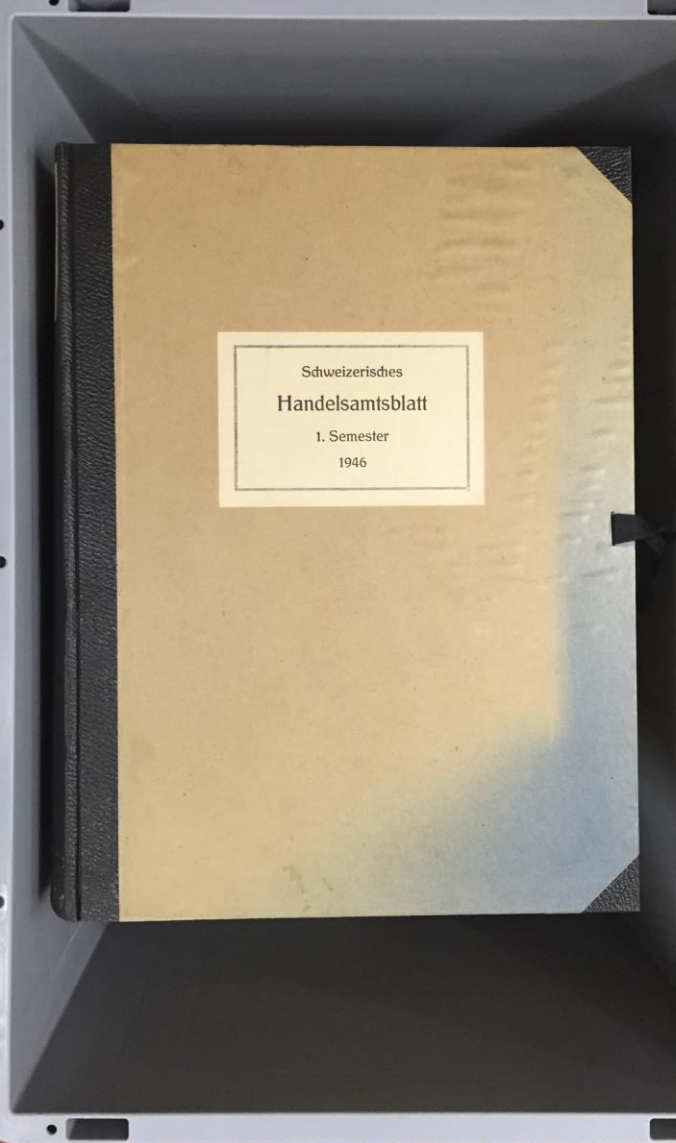
 Box vorziehen

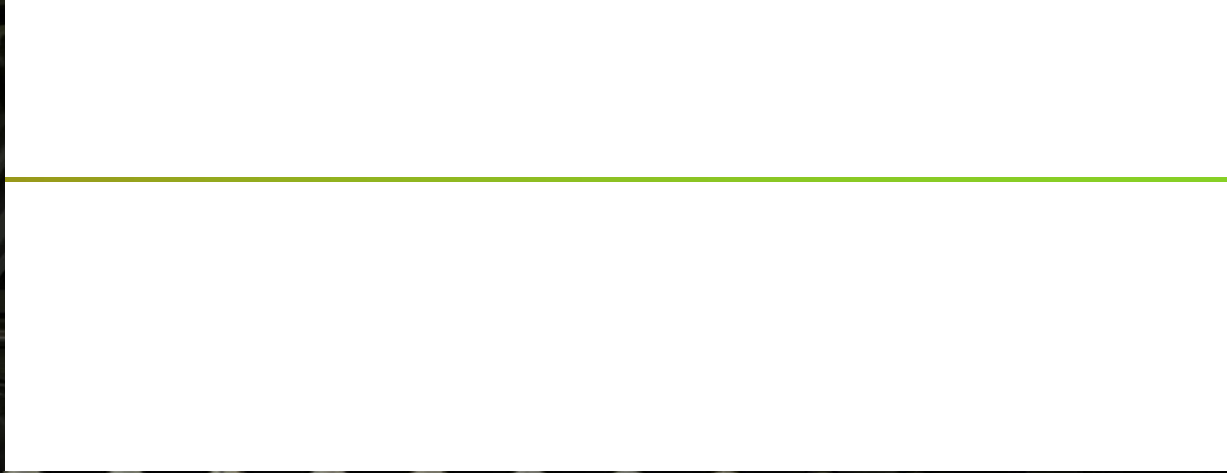
 Box abfahren



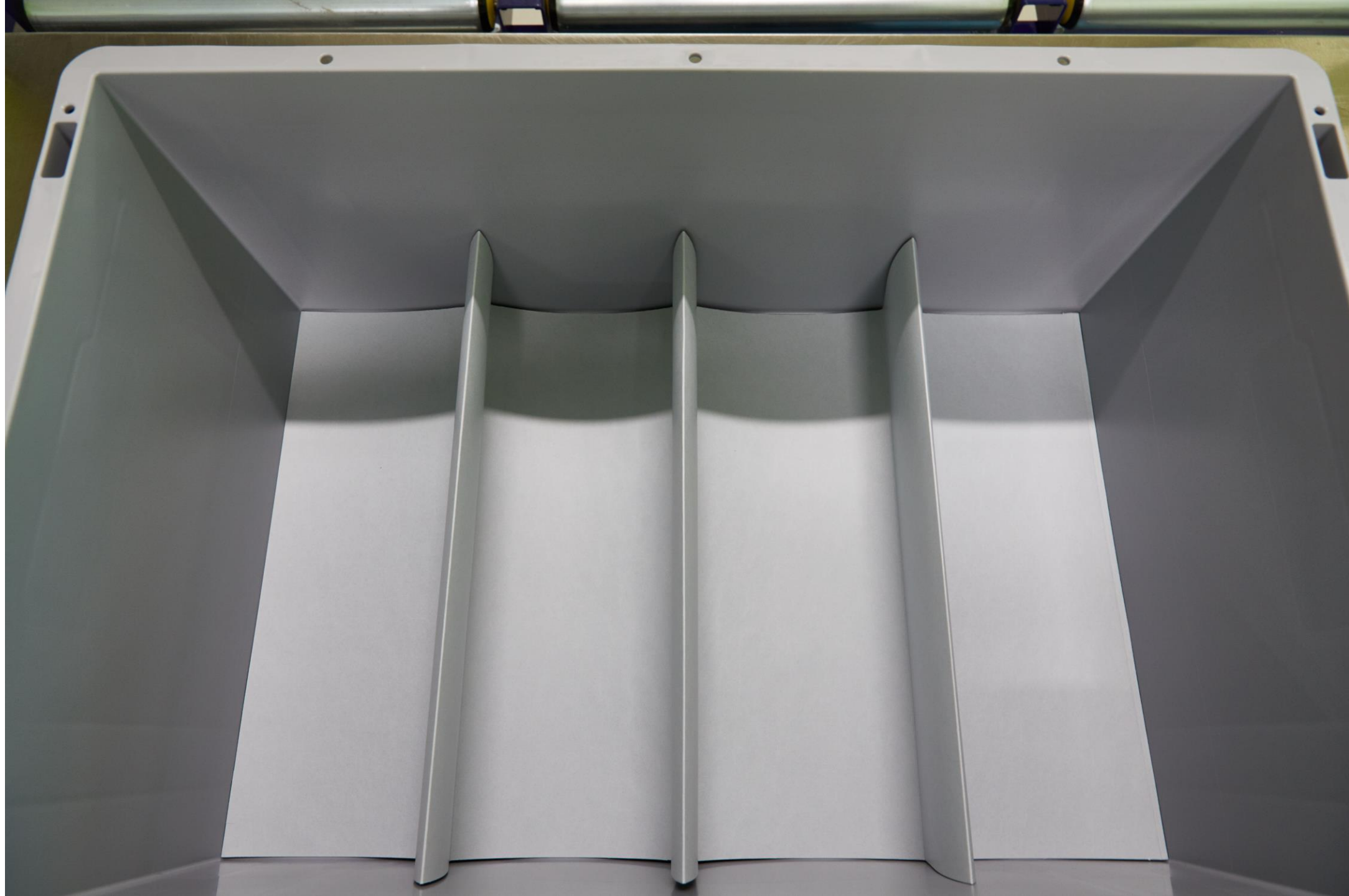
How to fill containers

How to fill











Again: thanks for your attention!

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