

Usermeeting Dewey

9 April 2013

# Number building, new things in DDC, use of DDC for shelving in public libraries

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# Outline: Number building tool

- What do you gain by using the WebDewey number building tool?
- Examples
  - What works now
  - What still requires use of Add Local/Edit Local
  - Questions about desired improvements

# What do you gain along the way?

(1)

- If you follow the process, you get:
  - Displays that record your progress and show add notes to be followed
  - Appropriate records that appear in hierarchy box to help you to execute the next step
  - The ability to go off and search for something, then come back where you were in the number building process

# What do you gain along the way?

## (2)

- If you follow the process, you get:
  - The opportunity to modify proposed user terms to make them fit the Relative Index pattern
  - The opportunity to add more user terms, either borrowing from the display of Relative Index entries for each number used to build the number, or adding your own terms

# What do you gain in the end?

(1)

- If you follow the process, you get:
  - Built numbers integrated with other search results and browse results in WebDewey
  - Built numbers that you can reuse as needed and share with others in your institution
  - Fields in the MARC classification record that show how the number was built; you can see those fields when you display the MARC format in WebDewey

# What do you gain in the end?

(2)

- If you follow the process, you get:
  - A user-friendly, visible list of DDC numbers/notation used to build the number—numbers that can be used as additional access points in the MARC 085 Synthesized Classification Number Components field in the bibliographic record
  - A WebDewey record with information that can help libraries identify logical places to shorten the number

# What do you gain in the end?

(3)

- If you follow the process . . . .
  - Ideally, you would get assurance that the number was correctly built; we are working toward that ideal. . . but for now you still have to be alert and read the add notes that are displayed as part of the process and check the number as it is being built
  - When the number building tool works correctly, it is very consistent, and can prevent the errors of inconsistency and inattention that humans often make

# What do you gain in the end?

(4)

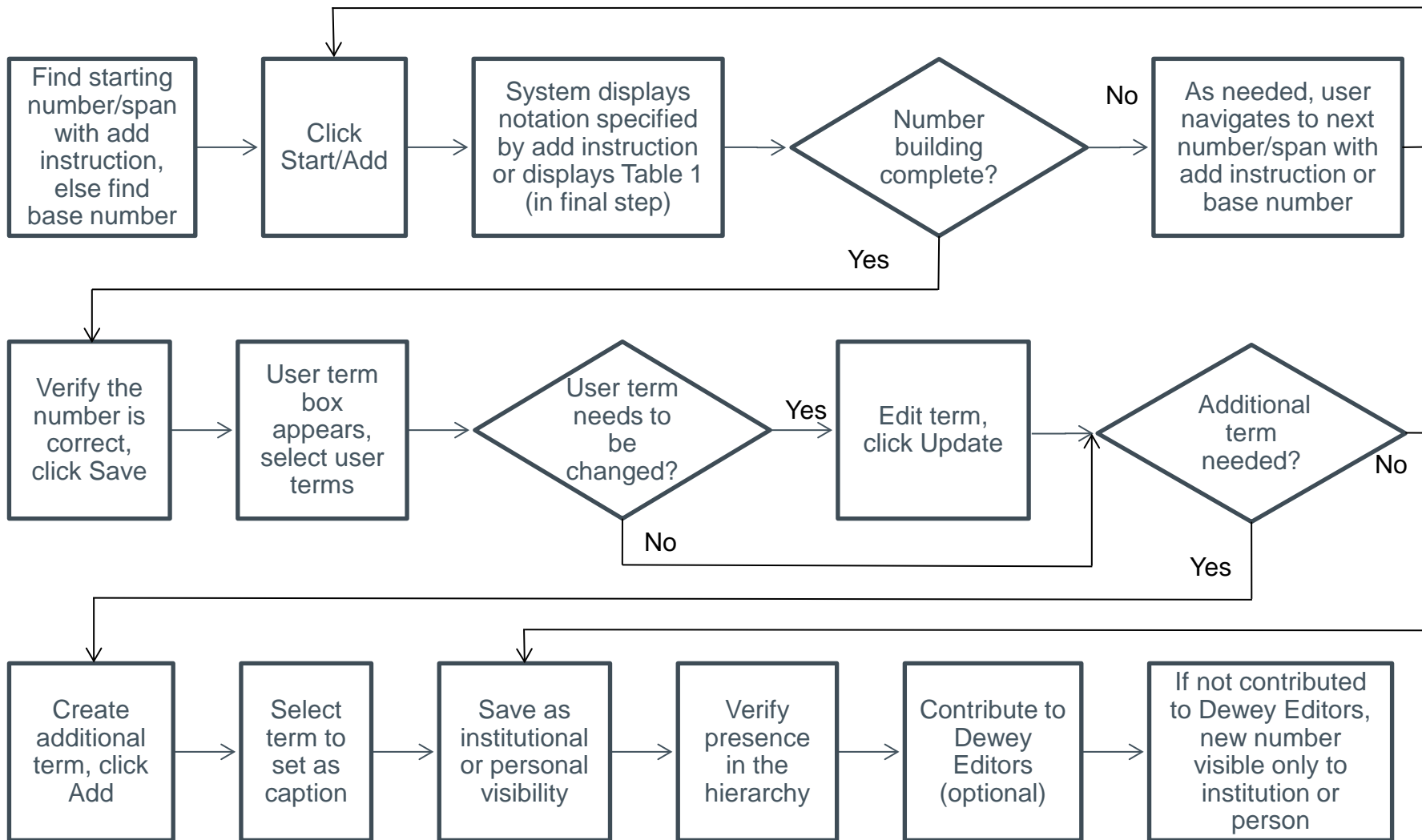
- If you follow the process, you get:
  - Built numbers that you can contribute for use in the wider Dewey community (**if you don't use Add Local/Edit Local**)



# What is user contribution?

- Number building assistant submits number into Dewey data flow
  - via distribution server
  - as MARC record
  - back to all users after editorial review
- Not unlike “share” button on social networks

# Overall workflow



# Process of building 616.99424071 Lung cancer—etiology

Navigate to this number/span	Click	Number built so far	Caption of last number/notation added
616.9942-616.9949	Start	616.994	Cancers of other organs and of regions
611.24	Add	616.99424	Lungs
618.1-618.8:071	Add	616.99424071	Etiology

# 616.99424 Lung cancer--medicine: a built number

Search  Browse  in  ▼

Build

7 records found

## Search Results

- |    |  |                                     |
|----|--|-------------------------------------|
| 1. |  <a href="#">614.5999424</a>    | Lung cancer--incidence, ...         |
| 2. |  <a href="#">616.99424</a>      | Lung cancer--medicine, ...          |
| 3. |  <a href="#">616.99424059</a>   | Lung cancer--Surgery                |
| 4. |  <a href="#">616.9942406</a>    | Lung cancer--therapy                |
| 5. |  <a href="#">616.99424061</a>   | Lung cancer--Drug therapy           |
| 6. |  <a href="#">616.99424075</a>   | Lung cancer--diagnosis              |
| 7. |  <a href="#">616.994240757</a> | Lung cancer--Radiological diagnosis |

# Add note at 616.9942-616.9949 Cancers of other organs and of regions

## Notes

Add to base number [616.994](#) the numbers following 611 in 611.2-611.9, e.g., breast cancer [616.99449](#); then for organs, systems, regions having their own number add further as instructed under [618.1-618.8](#), e.g., surgery for breast cancer [616.99449059](#)  
Subdivisions are added for a specific type of cancer if subdivisions are added for comprehensive works on cancer of the organ or region, e.g., surgery for Hodgkin disease (a cancer of lymphatic glands) 616.99446059

## Comments

## Create built number

[616.9942-616.9949](#)

Cancers of other organs and of regions

START

You must start here, where the add instruction is

**611.1-611.9 Gross anatomy** ▼

[600](#) Technology

[610](#) Medicine & health

[611](#) Human anatomy, cytology, histology

**611.1-611.9 Gross anatomy**

[611/.1](#) Cardiovascular organs

[611/.2](#) Respiratory organs

[611/.3](#) Digestive tract organs



[611/.4](#) Hematopoietic, lymphatic, glandular systems

[611/.6](#) Urogenital system

[611/.7](#) Musculoskeletal system, integument

[611/.8](#) Nervous system

[611/.9](#) Regional and topographical anatomy

Create built number:  616.99424 

[616.994](#) †Cancers

Add to base number [616.994](#) the numbers following 611 in 611.2-611.9, e.g., breast cancer [616.99449](#); then for organs, systems, regions having their own number add further as instructed under [618.1-618.8](#), e.g., surgery for breast cancer [616.99449059](#)

+ [611.24](#) Lungs 

ADD

EDIT LOCAL

CANCEL

SAVE

# Add table under 618.1-618.8

## Notes

### Medical and surgical

Except where contrary instructions are given, all notes under 616.02-616.08 and in table under [616.1-616.9](#) are applicable here

Except for modifications shown under specific entries, add to each subdivision identified by \* as follows:

- [001-007](#) Standard subdivisions  
As modified under [616.1-616.9](#)
- [008](#) Groups of people
- [0083](#) Young people  
Do not use for infants and children up to puberty; class in [618.92098](#)
- [00835](#) Young people twelve to twenty  
Do not use for young people twelve to twenty who have not reached puberty; class in [618.92098](#)  
Class here adolescent gynecology and obstetrics
- [0084](#) People in specific stages of adulthood
- [00846](#) People in late adulthood  
Do not use for patients; class in [618.978](#)
- [009](#) History, geographic treatment, biography
- [0092](#) Biography  
Class life with a disease in 362.198
- [01-03](#) Microbiology, special topics, rehabilitation  
Add to 0 the numbers following 616.1-616.9:0 in notation [616.1-616.9:01-03](#) from table under [616.1-616.9](#), e.g.,  
experimental medicine 027  
Class microbiology, special topics, rehabilitation applied to special classes of diseases in notation [04](#) from this table
- [04](#) Special classes of diseases  
Limited to the classes named below
- [042](#) Genetic diseases (Hereditary diseases)
- [0421-0423](#) Microbiology, special topics, rehabilitation



# Further down in add table under 618.1-618.8



	therapy <a href="#">061</a>
<a href="#">059</a>	Surgery Limited to operative surgery Including preoperative, intraoperative, postoperative care; surgery utilizing specific instruments or techniques, e.g., catheterization, cryosurgery, microsurgery, radiosurgery; surgical complications Class laser microsurgery in notation <a href="#">0598</a> from this table Class nonoperative physical procedures in notation <a href="#">06</a> from this table
<a href="#">0592</a>	Cosmetic and restorative plastic surgery, transplantation of tissue and organs, implantation of artificial organs Including implantation and removal of prostheses, other medical devices
<a href="#">0597</a>	Endoscopic surgery
<a href="#">0598</a>	Laser surgery Including laser coagulation Class here laser microsurgery
<a href="#">06</a>	Therapy Class here rehabilitative therapy Class comprehensive works on rehabilitative therapy and education for living with handicaps and disabilities in notation <a href="#">03</a> from this table Class comprehensive works on prevention, therapy, etiology of a specific disease or kind of disease if all related to a specific kind of therapy in notation <a href="#">061-069</a> from this table, e.g., diet therapy <a href="#">0654</a> For surgery, see notation <a href="#">059</a> from this table
<a href="#">060724</a>	Experimental research Class here clinical trials Class clinical trials of a specific kind of therapy with the kind of therapy, plus notation <a href="#">T1-0724</a> from Table 1, e.g., clinical drug trials <a href="#">0610724</a>
<a href="#">061-069</a>	Specific therapies Class here specific kinds of therapy used for prevention; comprehensive works on prevention, therapy, etiology if these all relate to a specific kind of therapy, e.g., nutritional aspects of a disease and diet therapy <a href="#">0654</a>
<a href="#">061</a>	Drug therapy
<a href="#">0610724</a>	Experimental research Class here clinical drug trials
<a href="#">062-069</a>	Other therapies Add to <a href="#">06</a> the numbers following 615.8 in 615.82-615.89, e.g., X-ray therapy <a href="#">06422</a>
<a href="#">07</a>	Pathology
<a href="#">071</a>	Etiology Including effects of poisons on specific systems and organs as cause of disease Class social factors contributing to spread of a disease in <a href="#">362.19</a> Class comprehensive works on medical toxicology in <a href="#">615.9</a>

# In hierarchy box: 618.1-618.8:071 Etiology

<b>618.1-618.8:071 Etiology</b>	
<a href="#">600</a>	Technology
<a href="#">610</a>	Medicine & health
<a href="#">618</a>	Gynecology, obstetrics, pediatrics, geriatrics
<a href="#">618.1-618.8</a>	Gynecology and obstetrics
<a href="#">618.1-618.8:05-09</a>	Preventive measures, surgery, therapy, pathology, psychosomatic medicine, case histories
<a href="#">618.1-618.8:07</a>	Pathology
<b>618.1-618.8:071</b>	<b>Etiology</b>


618.1-618.8:071 means notation 071 from the add table under 618.1-618.8

# Number building complete

Create built number:  616.99424071 

[616.994](#) †Cancers

Add to base number [616.994](#) the numbers following 611 in 611.2-611.9, e.g., breast cancer [616.99449](#); then for organs, systems, regions having their own number add further as instructed under [618.1-618.8](#), e.g., surgery for breast cancer [616.99449059](#)

- + [611.24](#) Lungs
- + [618.1-618.8:071](#) Etiology 

ADD


EDIT LOCAL

CANCEL

SAVE

Is this kind of analytic display useful?  
Would you like to be able to click at any time and get this kind of display for **all** built numbers in WebDewey?

# Opportunity to modify user terms

Modify built number:  616.99424071 Cancers--lungs--etiology

## User terms

Cancers--lungs--etiology (Caption)

User term

ADD

UPDATE

SET AS CAPTION

DELETE

[616.994](#)

- Cancers **BROWSE**
- Cancer--humans--medicine
- Carcinoma--medicine
- Malignant neoplasms--medicine
- Malignant tumors--medicine
- Medical oncology
- Neoplasms--humans--medicine
- Neoplastic diseases--medicine
- Oncology
- Sarcoma--medicine
- Tumors--humans--medicine


+ [611.24](#)

- Lungs **BROWSE**
- Lungs--human anatomy

+ [618.1-618.8:071](#)

- Etiology **BROWSE**

# Update for caption, Add for second user term

Modify built number:  616.99424071 Lung cancer--Etiology, . . .

## User terms

- Lung cancer--Etiology (Caption)
- Lung neoplasms--Etiology

User term

ADD

UPDATE

SET AS CAPTION

DELETE

[616.994](#)

- Cancers **BROWSE**
- Cancer--humans--medicine
- Carcinoma--medicine
- Malignant neoplasms--medicine
- Malignant tumors--medicine
- Medical oncology
- Neoplasms--humans--medicine
- Neoplastic diseases--medicine
- Oncology
- Sarcoma--medicine
- Tumors--humans--medicine

+ [611.24](#)

- Lungs **BROWSE**
- Lungs--human anatomy

+ [618.1-618.8:071](#)

- Etiology **BROWSE**

## 616.99424071 Lung cancer--Etiology, . . .

[600](#) Technology

[610](#) Medicine & health

[616](#) Diseases


[616.1-616.9](#) Specific diseases

[616.9](#) Other diseases

[616.99](#) Tumors and miscellaneous communicable diseases

[616.99/4](#) †Cancers

[616.99/42-616.99/49](#) Cancers of other organs and of regions

 [616.99/42](#) Respiratory tract diseases--humans--cancer--  
medicine, . . .

 [616.99/424](#) Lung cancer--medicine, . . .

 **616.99/424071** Lung cancer--Etiology, . . .

# Visibility box. List of numbers/notation used to build number

## Visibility

 personal   institutional

	<a href="#">616.994</a>	Cancers	<input type="button" value="CONTRIBUTE"/>
+	<a href="#">611.24</a>	Lungs	
+	<a href="#">618.1-618.8:071</a>	Etiology	<input type="button" value="DELETE"/>

Is the list of numbers/notation useful?  
Would you like to be able to click at any time  
and get this kind of list for **all** built numbers in WebDewey?

# MARC classification record for newly built number

## Record

LDR 00000nw###a2200000n##4500

001 b0714dab-7c93-42d5-b889-99345c13aaab

003 OCoLC-D

005 20130331133807.7

008 130331aaaaacbb

040 ## OCLCD \$b eng \$c OCLCD

084 0# ddc \$c 23 \$e eng

153 ## \$8 1\p \$a [616.99424071](#) \$e [616.99424](#)

883 1# \$8 1\p \$a WebDewey Number Building Engine \$c 1 \$d 20130331 \$q FP@

673 ## 616.99/424071

765 0# \$b 616.99424 \$a 616.9942 \$c 616.9949 \$a 618.1 \$c 618.8 \$w 618.1 \$c 618.8 \$y 1 \$t 071 \$u 616.99424071

765 0# \$b 616.994 \$a 616.9942 \$c 616.9949 \$r 611 \$s 24 \$u 616.99424

750 #7 Lung cancer \$x Etiology \$0 f63d2441-2079-485a-9933-08aa0d425a86 \$2 ddcut

750 #7 Lung neoplasms \$x Etiology \$0 9612ee9b-70f1-4e8f-8b35-87c2fadf2b6f \$2 ddcut



# Number, provenance, segmentation

153	##	\$8 1\p \$a <a href="#">616.99424071</a> \$e <a href="#">616.99424</a>
883	1#	\$8 1\p \$a WebDewey Number Building Engine \$c 1 \$d 20130331 \$q FP@
673	##	616.99/424071

# Number components in 765 fields

765 0# \$b 616.99424 \$a 616.9942 \$c 616.9949 \$a 618.1 \$c 618.8 \$w 618.1 \$c 618.8 \$y 1 \$t 071 \$u 616.99424071

765 0# \$b 616.994 \$a 616.9942 \$c 616.9949 \$r 611 \$s 24 \$u 616.99424

From: <http://www.loc.gov/marc/classification/cd765.html>

## Subfield Codes

\$a - Number where instructions are found-single number or beginning number of span (R)

\$b - Base number (R)

\$c - Classification number--ending number of span (R)

\$r - Root number (R)

\$s - Digits added from classification number in schedule or external table (R)

\$t - Digits added from internal subarrangement or add table (R)

\$u - Number being analyzed (R)

\$w - Table identification-Internal subarrangement or add table (R)

\$y - Table sequence number for internal subarrangement or add table (R)

Component numbers / notation can be provided in bibliographic records to increase access

From: <http://www.loc.gov/marc/bibliographic/bd085.html>

Subfield Codes most commonly used

\$b - Base number

\$s - Digits added from classification number in schedule or external table (R)

\$z - Table identification (R)

\$8 - Field link and sequence number

From <http://experimental.worldcat.org/marcusage/085.html>









As of 1 January 2013, 362,718 records in WorldCat had the 085 field.

# User terms in DDC classification record

750	#7	Lung neoplasms \$x Etiology \$0 9612ee9b-70f1-4e8f-8b35-87c2fadf2b6f \$2 ddcut
750	#7	Lung cancer \$x Etiology \$0 f63d2441-2079-485a-9933-08aa0d425a86 \$2 ddcut

# Newly built number integrated with other search results

## Search Results


- |    |   |                                     |
|----|---|-------------------------------------|
| 1. |  <a href="#">614.5999424</a>   | Lung cancer--incidence, . . .       |
| 2. |  <a href="#">616.99424</a>     | Lung cancer--medicine, . . .        |
| 3. |  <a href="#">616.99424059</a>  | Lung cancer--Surgery                |
| 4. |  <a href="#">616.9942406</a>   | Lung cancer--therapy                |
| 5. |  <a href="#">616.99424061</a>  | Lung cancer--Drug therapy           |
| 6. |  <a href="#">616.99424071</a>  | Lung cancer--Etiology               |
| 7. |  <a href="#">616.99424075</a>  | Lung cancer--diagnosis              |
| 8. |  <a href="#">616.994240757</a> | Lung cancer--Radiological diagnosis |

# User term integrated with other Relative Index browse results


## Browse Results

Lung abscess--medicine


[616.2/44](#)

 Lung cancer--diagnosis

[616.99/424075](#)

 Lung cancer--Drug therapy

[616.99/424061](#)

 Lung cancer--Etiology

[616.99/424071](#)

Lung cancer--incidence


[614.5/999424](#)

Lung cancer--medicine


[616.99/424](#)

Lung cancer--medicine

*see also* [Cancer--humans](#)

 Lung cancer--Radiological diagnosis

[616.99/4240757](#)






 Lung cancer--Surgery

[616.99/424059](#)

Lung cancer--therapy

[616.99/42406](#)

# Second user term also integrated in Relative Index browse results

Browse Results	
Lung diseases--medicine <i>see also</i> <a href="#">Respiratory tract diseases--humans</a>	
 Lung neoplasms--diagnosis	<a href="#">616.99/424075</a>
 Lung neoplasms--Drug therapy	<a href="#">616.99/424061</a>
 Lung neoplasms--Etiology	<a href="#">616.99/424071</a>
Lung neoplasms--incidence	<a href="#">614.5/999424</a>
Lung neoplasms--medicine	<a href="#">616.99/424</a>
Lung neoplasms--medicine <i>see also</i> <a href="#">Cancer--humans</a>	
 Lung neoplasms--Radiological diagnosis	<a href="#">616.99/4240757</a>
 Lung neoplasms--Surgery	<a href="#">616.99/424059</a>
Lungfishes	<a href="#">597.3/9</a>















# Process of building 305.83982094 Norwegian Australians—social aspects

Navigate to this number/span	Click	Number built so far	Caption of last number/notation added
305.81-305.89	Start	305.8	Specific ethnic and national groups
T5--3982	Add	305.83982	Norwegians
T2--94	Add	305.83982094	Australia



# In hierarchy box: 305.81-305.89 Specific ethnic and national groups

Easy to spot  
the span with  
add notes:  
Look at all  
the built  
numbers!

<b>305.81-305.89 Specific ethnic and national groups</b>	
<a href="#">300</a>	Social sciences
<a href="#">300</a>	Social sciences, sociology & anthropology
<a href="#">302-307</a>	Specific topics in sociology and anthropology
<a href="#">305</a>	Groups of people
<a href="#">305.8</a>	Ethnic and national groups
<b>305.81-305.89</b>	<b>Specific ethnic and national groups</b>
 <a href="#">305.84/10763</a>	Cajuns--social aspects
 <a href="#">305.868/073</a>	Hispanic Americans (U.S.)--social aspects
 <a href="#">305.868/728</a>	Central Americans--social aspects
 <a href="#">305.868/7295</a>	Puerto Ricans
 <a href="#">305.8914/97</a>	Gypsies--social aspects, ...
 <a href="#">305.8916/2073</a>	Irish Americans--social aspects
 <a href="#">305.892/4</a>	Anti-Semitism, ...
 <a href="#">305.892/7</a>	Arabs--social aspects
 <a href="#">305.894/545</a>	Estonians
 <a href="#">305.895/073</a>	Asian Americans--social aspects
 <a href="#">305.8951/0088297</a>	Chinese Muslims
 <a href="#">305.896</a>	Blacks (African origin)
 <a href="#">305.897</a>	American native peoples--social aspects, ...
 <a href="#">305.899/15</a>	Aboriginal Australians--social aspects

# Add note at 305.81-305.89 Specific ethnic and national groups

## Notes

Add to base number [305.8](#) notation [T5--1-T5--9](#) from Table 5, e.g., comprehensive works on Jews [305.8924](#), Chinese 305.8951, Chinese Australians 305.8951094, Inuit 305.89712

For Jews as a religious group, see [305.696](#)

Segmentation Instruction: Segment as shown in Table 5, e.g., 305.895/1

## Comments

## Create built number

[305.81-305.89](#)



Specific ethnic and national groups

START


<b>T5--1-T5--9 Specific ethnic and national groups</b> ▼	
<a href="#">T5--0</a>	Table 5. Ethnic and National Groups
<b>T5--1-T5--9</b>	<b>Specific ethnic and national groups</b>
<a href="#">T5--1</a>	North Americans
<a href="#">T5--2</a>	British, English, Anglo-Saxons
<a href="#">T5--3</a>	Germanic peoples
<a href="#">T5--4</a>	Modern Latin peoples
<a href="#">T5--5</a>	Italians, Romanians, related groups
<a href="#">T5--6</a>	Peoples who speak, or whose ancestors spoke, Spanish, Portuguese, Galician
<a href="#">T5--7</a>	Other Italic peoples
<a href="#">T5--8</a>	Greeks and related groups
<a href="#">T5--9</a>	Other ethnic and national groups

This content appears in hierarchy box when you click Start at 305.81-305.89 Specific ethnic and national groups

Go to T5--3982 Norwegians and click Add.

Create built number:  305.83982 

[305.8](#) Ethnic and national groups  
Add to base number [305.8](#) notation [T5--1-T5--9](#) from Table 5, e.g., comprehensive works on Jews [305.8924](#),  
Chinese 305.8951, Chinese Australians 305.8951094, Inuit 305.89712

+ [T5--3982](#) Norwegians 

ADD

EDIT LOCAL

CANCEL

SAVE

## **T2--3-T2--9 Specific continents, countries, localities; extraterrestrial worlds**

[T2--0](#) Table 2. Geographic Areas, Historical Periods, Biography

**T2--3-T2--9 Specific continents, countries, localities; extraterrestrial worlds**

[T2--3](#) Ancient world

[T2--4-T2--9](#) Modern world; extraterrestrial worlds

This content appears in hierarchy box—but why?

# Hidden add instructions reflect part of add instruction at start of Table 5

## Table

LDR		00000nw##a2200000n##4500
001		ocd00151031
003		OCoLC-D
005		20121012050445.0
008		100204baaaaaaa
040	##	OCLCD \$b eng \$c OCLCD
084	0#	ddc \$c 23 \$e eng
153	##	\$z 5 \$a 3982 \$z 5 \$e 398 \$j Norwegians
673	##	\$z 5 \$a 3/982
761	#0	\$f 0 \$z 2 \$d 3 \$c 9
761	#0	\$f 0 \$z 2 \$d 1
750	#7	Norwegians \$0 (OCoLC-D)och00087004 \$2 ddcri

# Abbreviated add instructions (761 fields) help number building tool

```
761      #0      $f 0 $z 2 $d 3 $c 9
```

```
761      #0      $f 0 $z 2 $d 1
```

From: <http://www.loc.gov/marc/classification/cd761.html>

## Subfield Codes

\$c - Classification number-ending number of span (R)

\$d - Divided like number (R)

\$f - Facet designator (R)

\$z - Table identification (R)

## Table 5. Ethnic and National Groups: add instruction

Except where instructed otherwise, and unless it is redundant, add 0 to the number from this table and to the result add notation [T2--1](#) or [T2--3-T2--9](#) from Table 2 for area in which a group is or was located, e.g., Germans in Brazil T5--31081, but Germans in Germany [T5--31](#); Jews in Germany or Jews from Germany T5--924043. If notation from Table 2 is not added, use 00 for standard subdivisions; see below for complete instructions on using standard subdivisions

Number building tool does not understand this part of add instruction at start of Table 5:

If notation from Table 2 is not added, use 00 for standard subdivisions

We are thinking how to fix that problem.

Should we be thinking about more hidden instructions in each Table 5 record?

Or about visible footnote instructions in each Table 5 record?



Go to T2—94 Australia and click Add. Number building is complete

Create built number: ⓘ 305.83982094 ▼

[305.8](#) Ethnic and national groups  
Add to base number [305.8](#) notation [T5--1-T5--9](#) from Table 5, e.g., comprehensive works on Jews [305.8924](#), Chinese 305.8951, Chinese Australians 305.8951094, Inuit 305.89712

- + [T5--3982](#) Norwegians
- + [T2--94](#) Australia ❌

ADD

EDIT LOCAL

CANCEL

SAVE

## 765 fields show how number was built using the hidden add instruction

765 0# \$b 305.83982 \$z 5 \$a 3982 \$f 0 \$z 2 \$s 94 \$u 305.83982094


765 0# \$b 305.8 \$a 305.81 \$c 305.89 \$z 5 \$s 3982 \$u 305.83982

765 field shows where the hidden instruction for adding 094 is found:

\$z5 \$a 3982

It does **not** show where the visible add instruction is found—at the start of Table 5

# Opportunity to modify proposed user term (caption)

Modify built number:  305.83982094 Ethnic and national groups--norwegians--Australia

## User terms

Ethnic and national groups--norwegians--Australia (Caption)

User term

ADD

UPDATE

SET AS CAPTION

DELETE

[305.8](#)

Ethnic and national groups **BROWSE**

Aboriginal peoples

Aboriginal peoples--social group

Aborigines

Biculturalism--sociology

Cultural ethnology

Cultural pluralism

Cultural pluralism--sociology

Ethnic groups

Ethnic minorities


Ethnic relations

Ethnicity

Ethnography

Ethnology

# Revised user terms fit Relative Index patterns (Which is better for caption?)

Modify built number:  305.83982094 Norwegian Australians--social aspects, . . .

## User terms

- Norwegian Australians--social aspects (Caption)
- Norwegians--Australia--social aspects

User term

ADD

UPDATE

SET AS CAPTION

DELETE

[305.8](#)

- Ethnic and national groups **BROWSE**
- Aboriginal peoples
- Aboriginal peoples--social group
- Aborigines
- Biculturalism--sociology
- Cultural ethnology
- Cultural pluralism
- Cultural pluralism--sociology
- Ethnic groups
- Ethnic minorities
- Ethnic relations
- Ethnicity
- Ethnography
- Ethnology
- Human races
- Indigenous peoples
- Minorities (Ethnic and national)

# Visibility box. List of numbers/notation used to build number

## Visibility

 personal   institutional [SAVE](#)

	<a href="#">305.8</a>	Ethnic and national groups	<a href="#">CONTRIBUTE</a>
+	<a href="#">T5--3982</a>	Norwegians	
+	<a href="#">T2--94</a>	Australia	<a href="#">DELETE</a>

# Process of building 305.8951005 Chinese—social aspects—serials

Navigate to this number/span	Click	Number built so far	Caption of last number/notation added
305.81-305.89	Start	305.8	Specific ethnic and national groups
T5--951	Add	305.8951	Chinese
T1--05	Add	305.895105	Serial publications
	Edit Local	305.8951005	

# Incorrectly built number: needs double zero

## Create built number: ⓘ 305.895105 ▾

[305.8](#) Ethnic and national groups

Add to base number [305.8](#) notation [T5--1-T5--9](#) from Table 5, e.g., comprehensive works on Jews [305.8924](#), Chinese 305.8951, Chinese Australians 305.8951094, Inuit 305.89712

+ [T5--951](#) Chinese

+ [T1--05](#) Serial publications ❌

ADD

EDIT LOCAL

CANCEL

SAVE

# Using Edit Local (Add Local) to insert second zero

**Create built number:**  **305.8951005**

[305.8](#)

Ethnic and national groups

Add to base number [305.8](#) notation [T5--1-T5--9](#) from Table 5, e.g., comprehensive works on Jews [305.8924](#), Chinese 305.8951, Chinese Australians 305.8951094, Inuit 305.89712

+ [T5--951](#)

Chinese

+ Add local: [T1--05](#)

Serial publications

Add zeros before this number:  no zeros  1 zero (0)  2 zeros (00)

Add this number: T1--|05  |   

Add zeros after this number:  no zeros  1 zero (0)  2 zeros (00)







**305.8951005 Chinese--social aspects--Serials** ▼

[300](#) Social sciences

[300](#) Social sciences, sociology & anthropology

[302-307](#) Specific topics in sociology and anthropology

[305](#) Groups of people

[305.8](#) Ethnic and national groups

[305.81-305.89](#) Specific ethnic and national groups

 [305.895/1005](#) **Chinese--social aspects--Serials**

## Visibility

ⓘ? personal  ⓘ? institutional **SAVE**

- + [305.8](#) Ethnic and national groups
- + [T5--951](#) Chinese
- + [T1--05](#) Serial publications

**DELETE**

## 765 fields in MARC record

```
765      0#      $b 305.8951 $f 0 $z 1 $s 05 $u 305.8951005
```

```
765      0#      $b 305.8 $a 305.81 $c 305.89 $z 5 $s 951 $u 305.8951
```

We don't give location of add instruction for standard subdivisions when the only thing we could cite is the start of Table 1 (\$z 1 \$a 0). Technically, the the 765 field showing the addition of 005 should show where the add instruction is found that specifies the extra zero—at the start of Table 5 (\$z 5 \$ a 0) —though we often have not done that. Otherwise the 765 fields are correct.

# Process of building 616.24005

## Lung diseases—medicine—serials

Navigate to this number/span	Click	Number built so far	Caption of last number/notation added
616.24	Start	616.24	Diseases of lungs
616.1-616.9		616.24	Specific diseases
T1—05	Add	616.24005	Serial publications

Note: You may just look at the add table under 616.1-616.9, or you may select 616.1-616.9:003-006 Standard subdivisions and click Add

# 616.24 Diseases of lungs has add footnote

## Notes

Including chronic obstructive pulmonary disease, pulmonary hypertension

Class here comprehensive works on diseases of lungs and bronchi

Class cystic fibrosis in [616.372](#)

Class pulmonary sarcoidosis in [616.429](#)

Class pulmonary tuberculosis in [616.995](#)

Class comprehensive works on cardiopulmonary diseases in [616.1](#)

For diseases of bronchi, see [616.23](#)

\*Add as instructed under [616.1-616.9](#)

## Comments

## Create built number

[616.24](#)

\*Diseases of lungs

START

# In hierarchy box: summary of add table under 616.1-616.9

<b>616.1-616.9 Specific diseases</b>	
<a href="#">600</a>	Technology
<a href="#">610</a>	Medicine & health
<a href="#">616</a>	Diseases
<b>616.1-616.9</b>	<b>Specific diseases</b>
<a href="#">616.1-616.9:001</a>	Philosophy and theory
<a href="#">616.1-616.9:002</a>	Miscellany
<a href="#">616.1-616.9:003-006</a>	Standard subdivisions
<a href="#">616.1-616.9:007</a>	Education, research, related topics
<a href="#">616.1-616.9:008</a>	Groups of people
<a href="#">616.1-616.9:009</a>	History, geographic treatment, biography
<a href="#">616.1-616.9:01-03</a>	Medical microbiology, special topics, rehabilitation
<a href="#">616.1-616.9:023</a>	Personnel
<a href="#">616.1-616.9:024</a>	Domestic medicine
<a href="#">616.1-616.9:025</a>	Medical emergencies
<a href="#">616.1-616.9:027</a>	Experimental medicine
<a href="#">616.1-616.9:028</a>	Intensive care
<a href="#">616.1-616.9:029</a>	Palliative and terminal care
<a href="#">616.1-616.9:04</a>	Special classes of diseases
<a href="#">616.1-616.9:05-09</a>	Preventive measures, therapy, pathology, psychosomatic medicine, case histories
<a href="#">616.1-616.8</a>	Diseases of specific systems and organs
<a href="#">616.9</a>	Other diseases

# Standard subdivisions have double zero. T1—05 hidden in span 003-006

## Notes

All notes under 616.02-616.08 are applicable here

Except for modifications shown under specific entries, add to each subdivision identified by \* as follows:

<a href="#">001</a>	Philosophy and theory
<a href="#">002</a>	Miscellany
<a href="#">[0023]</a>	The subject as a profession, occupation, hobby Do not use; class in notation <a href="#">023</a> from this table
<a href="#">0028</a>	Auxiliary techniques and procedures; apparatus, equipment, materials
<a href="#">00284</a>	Apparatus, equipment, materials Do not use for self-help devices for people with disabilities; class in notation <a href="#">03</a> from this table
<a href="#">[00287]</a>	Testing and measurement Do not use; class in notation 075 from this table
<a href="#">003-006</a>	Standard subdivisions
<a href="#">007</a>	Education, research, related topics
<a href="#">[00724]</a>	Experimental research Do not use; class in notation <a href="#">027</a> from this table

If you click 003-006, then that line will appear in the analytic display; otherwise not—but the resulting number will be the same, either way

# Find and select T1—05 Serial publications

<b>T1--05 Serial publications</b> ▼	
<a href="#">T1--0</a>	Table 1. Standard Subdivisions
<b>T1--05</b>	<b>Serial publications</b>



# Extra zero inserted automatically when you click Add

Create built number: ⓘ 616.24005

[616.24](#) \*Diseases of lungs

\*Add as instructed under [616.1-616.9](#)

+ [T1--05](#) Serial publications ❌

ADD

EDIT LOCAL

CANCEL

SAVE

Even if you don't click on 616.1-616.9:003-006 Standard subdivisions, the number building tool knows to insert the second zero.

At first it was necessary to use Add Local to insert the extra zero in these cases, but that problem has been fixed.

# Select from Relative Index entries to update user term set as caption

Modify built number:  616.24005 Lung diseases--medicine--serials

## User terms

- Lung diseases--medicine--serials (Caption)

User term

ADD

UPDATE

SET AS CAPTION

DELETE

[616.24](#)

- Diseases of lungs **BROWSE**
- Chronic obstructive pulmonary disease--medicine
- Lung diseases--medicine
- Lungs--medicine
- Obstructive pulmonary disease--medicine
- Pulmonary diseases--medicine
- Pulmonary hypertension--medicine

+ [T1--05](#)

- Serial publications **BROWSE**
- Annual publications
- Annuals (Publications)
- Electronic journals
- House organs
- Journals (Serials)
- Magazines
- Newspapers
- Periodicals
- Serial publications
- Serials
- Yearbooks

# List of component numbers/notation is correct. Can contribute

## Visibility

 personal   institutional **SAVE**

+ [616.24](#) Diseases of lungs  
+ [T1--05](#) Serial publications

**CONTRIBUTE**

**DELETE**

# Process of building 943.1550875 Berlin (Germany)—1949-1971

Navigate to this number/span	Click	Number built so far	Caption of last number/notation added
930-990	Start	9	History of specific continents, countries, localities; extraterrestrial worlds
T2--43155	Add	943.155	Berlin
930-990:01-09	Add	943.1550	Historical periods
943.10875	Add	943.1550875	Administration of Walter Ulbricht, 1949-1971

## [01-09](#)

### Historical periods

Class here indigenous groups in the prehistoric period, e.g., Inca empire before Spanish conquest [985.019](#) (not 985.00498323)

Add to 0 the period division numbers following 0 from the appropriate continent, country, locality in [930-990](#), e.g., period of 1760-1820 in British history 073 (from [941.073](#)), period of 1815-1847 in German history 073 (from [943.073](#)), period of 1815-1847 in Austrian history 042 (from [943.6042](#))

Unless other period notation is specified, add to each geographic subdivision of an area the period notation for the area as a whole, e.g., period of Ottoman Empire in Saudi Arabia [953.803](#) (based on period of Ottoman Empire in Arabian Peninsula [953.03](#))

Class areas, regions, places in general in a specific period in notation [0091-0098](#) from this table

Class ethnic and national groups in a specific period in notation [004](#) from this table

Class relation of ethnic and national groups to a war with the war, plus notation [T1--089](#) from Table 1, e.g., relation of Arabs to World War II 940.53089927

See Manual at [930-990](#): Biography

See Manual at [01-09](#)

Segmentation Instruction: Segment as shown in [930-990](#), e.g., 941.07/3, 943/.073

The number building tool does not understand these instructions!

# Last number in list of component numbers not correct!

## Visibility

personal  institutional [SAVE](#)

<a href="#">900</a>	History & geography	<a href="#">CONTRIBUTE</a>
+ <a href="#">T2--43155</a>	Berlin	
+ 087.5		<a href="#">DELETE</a>

This illustrates one of the problems with building history numbers using the notation for historical periods in the add table under 930-990. Here the meaning of the number **943.10875 Administration of Walter Ulbricht, 1949-1971**, from which the period notation 0875 was taken, has been lost.

# In MARC record, 765 field for historical period not correct!

765 0# \$b 943.155 \$a 930 \$c 990 \$w 930 \$c 990 \$y 1 \$a 01 \$c 09 \$f 0 \$r 0 \$s 875 \$u 943.1550875

765 0# \$b 9 \$a 930 \$c 990 \$z 2 \$s 43155 \$u 943.155

# How to fix the problem?

(1)

- We do not yet have the answer!
- We have been considering various potential solutions—and we welcome other suggestions!
- One possibility might be to provide more explicit (and visible) add instructions for historical periods in 930-990, e.g., more instructions under 943.1 Northeastern Germany and 943.2 Saxony and Thuringia



# How to fix the problem?

(2)

- Another possibility might be hidden add notes in T2—3-9 records
  - We would need to tell the number building tool to use the hidden add note **as an extension of the instructions for historical periods in the table under 930-990**
  - The add instructions for historical periods in the table under T1—093-099 are different!

# How to fix the problem?

(3)

- The hidden add notes for T2—43155 Berlin and T2—432122 Leipzig might specify that the numbers following 943.10 in 943.101-943.108 be used
- The hidden add note for T2—43364 Munich might specify that the numbers following 943.0 in 943.01-943.08 be used
- Or maybe the hidden add notes could be given only at T2—431, T2—432, T2—433, etc.

# Outline: What else is new?

- New Editor in Chief
- Dewey by the numbers
- EPC Meeting 136

# Joan S. Mitchell, Editor-in-Chief, retired 18 January 2013

- Editor in Chief of the DDC since 1993, she was the ninth editor of the DDC since 1876.
- Under Joan's editorship, OCLC published DDC 21 (1996), DDC 22 (2003), and DDC 23 (2011), plus the corresponding abridged editions and 200 Religion Class publications accompanying each full edition.
- In addition, Joan expanded the DDC's electronic publications, including Dewey for Windows and WebDewey.

## From Joan's retirement party at the Library of Congress



Caroline Saccucci, Head, Dewey Section, Library of Congress, presents Joan with a print of a hallway in LC's Jefferson Building signed by Joan's friends and colleagues at LC.

## New Editor-in-Chief: Michael Panzer



Michael Panzer, formerly Assistant Editor, is the 10th Editor-in-Chief of the Dewey Decimal Classification system. Mr. Panzer is the first DDC Editor-in-Chief from outside the United States.

Mr. Panzer joined OCLC in May 2007 as Global Product Manager of Taxonomy Services, and was appointed Assistant Editor of the DDC in March 2009. From 2002 to 2005, he headed the technical team that translated Dewey into German. He was the first member of a Dewey translation team to be appointed Assistant Editor.

# Dewey by the Numbers (2013-04-01)



	Now in DDC 23	New in DDC 23	New last quarter
Explicit assignable numbers in schedules (including built numbers)	39,322	2189	129
Facets (building blocks from Tables 1-6 and internal add tables, added to show languages, geographic areas, ethnic/national groups, genres, etc.)	12,125	603	4
Relative Index terms	101,382	4,290	226
LCSH mappings	23,785	9050	333
BISAC mappings	3,183	387	0
MeSH mappings	379	258	72



# EPC Meeting 136: Swedish questions and requests

- EPC Exhibit 136-7.2 References to notation in internal add tables
- EPC Exhibit 136-10.1 Table 5: Notes about national groups
- EPC Exhibit 136-10.2 Modern Assyrians
- EPC Exhibit 136-16.1 Parental leave
- EPC Exhibit 136-19.2 583–584 Angiosperms: Proposal for discussion



# Outline: Shelving

- Length of numbers
- Book numbers, etc.
- Optional/alternative practices
  - Prefixes
  - Other optional notation
- Clear and abundant signage
- Special groupings

# Length of numbers

(1)

- Adjustable to meet local needs of library
  - For example, a church or seminary library may use full numbers for religious topics, abridged numbers for other topics
  - General public libraries do not have such obvious ways to decide—and yet they do collect more of some subjects than others

# Length of numbers

## (2)

- Numbers may be truncated at any logical place; the choice is not just between full and abridged
  - Some libraries choose to break after an arbitrary number of digits past the decimal point: **not recommended**
- In theory, numbers may be shorter for shelf browsing, longer for browsing online
  - In practice, that has not been widely popular

# Length of numbers

(3)

- DDC numbers presented in the MARC 082 field as standard numbers should be the same everywhere **except** that they may be shorter or longer

# Book numbers, etc.

(1)

- From the Glossary:
- Book number: The part of a call number that distinguishes a specific item from other items within the same class number. A library using the Cutter-Sanborn system can have D548d indicate David Copperfield by Dickens (where D stands for the D of Dickens, 548 stands for “ickens,” and d stands for David Copperfield).

# Book numbers, etc.

(2)

- From the Glossary:
- Cutter number: The notation in a book number derived from the Cutter Three-Figure Author Table, the Cutter-Sanborn Three-Figure Author Table, or the OCLC Four-Figure Cutter Tables. The OCLC Four-Figure Cutter Tables are revised and expanded versions of the Cutter Three-Figure Author Table and the Cutter-Sanborn Three-Figure Author Table.

# Book numbers, etc.

(3)

- Because book numbers are done at the local level for DDC numbers, there are wide variations in local practice
- Many libraries simply use the first few letters of an author's name instead of any formal Cutter number

# Prefixes

## (1)

- Some official options in DDC involve prefixes, e.g., “C813” for Canadian fiction or “A823” for Australian fiction
- When the literary period notation is different, simply removing the prefix makes the number wrong



# Prefixes

## (2)

- Only recently has there been a good way in the MARC format to identify such numbers as optional—082 field subfield \$m - Standard or optional designation
  - Unfortunately, the \$m has not yet been widely used

# Prefixes

## (3)

- Some libraries use local prefixes to designate in which room a work is to be found, e.g., “R413” for polyglot dictionaries shelved in the Reference Room
  - OCLC’s 092 Local Dewey Call Number field—or a comparable local field in another system should be used for such numbers

# Other optional notation

- 082 \$m b [e.g., optional law number]
- [Fic] [Fiction]
- [B] [Biography]
- [E] [Easy—for young children]

# Clear and abundant signage

- With Dewey.info, can get captions and summaries in multiple languages
- Supplement the captions with subject headings often associated with the number
- Guide signs for fiction genres of individual authors, sometimes with librarian reviews

# Special groupings

- Some libraries pull together materials from different parts of DDC, for special temporary displays or permanent displays, e.g., for the theme of travel, travel guides and maps from 914-919 and language dictionaries and phrase books from 413-499
- Good signage is important for these displays

Thank you!  
Questions?

WebDewey 2.0

<http://dewey.org/webdewey/>

Dewey training courses

<http://www.oclc.org/dewey/resources/teachingsite/courses.en.html>

WebDewey Number Building FAQ

[http://www.oclc.org/content/dam/oclc/dewey/resources/teachingsite/courses/WebDewey\\_Number\\_Building\\_FAQ.pdf](http://www.oclc.org/content/dam/oclc/dewey/resources/teachingsite/courses/WebDewey_Number_Building_FAQ.pdf)

025.431: The Dewey Blog

<http://ddc.typepad.com>

MARC Usage in WorldCat

<http://experimental.worldcat.org/marcusage/>

<http://dewey.info>