




# SNOMED CT<sup>®</sup> RELEASE

RF2  
Struktur



# RELEASE FILE STRUKTUR (1)

 Delta	Filmappe	27-06-2013 12:42
 Full	Filmappe	27-06-2013 12:42
 Snapshot	Filmappe	27-06-2013 12:42

Den internationale udgave af SNOMED CT i Release Format 2 (RF2) udgives to gange årligt i den tre-delte tabel-struktur som ses ovenfor:

- Delta indeholder SNOMED CT ændringer siden sidste udgivelse
- Full indeholder fuld historik på SNOMED CT siden 2002
- Snapshot indeholder den seneste udgave af SNOMED CT







 Refset	Filmappe	27-06-2013 12:42
 Terminology	Filmappe	27-06-2013 12:42

Delta, Full og Snapshot er hver underopdelt i Refset og Terminology:

- Reference Set (refset) indeholder delmængder af SNOMED CT til specifikke formål
- Terminology indeholder de grundlæggende filer med SNOMED CT-data

# RELEASE FILE STRUKTUR (2)

Terminology Filmappe 27-06-2013 12:42

Navn	Type	Komprimeret størrel...	Beskyttet ...	Størrelse	Forhold	Ændringsdato
 <u>sct2_Concept_Full_INT_20130731</u>	Tekstdokument	1.679 KB	Nej	29.089 KB	95%	13-06-2013 08:11
 <u>sct2_Description_Full-en_INT_20130731</u>	Tekstdokument	23.648 KB	Nej	184.518 KB	88%	13-06-2013 08:13
 <u>sct2_Identifier_Full_INT_20130731</u>	Tekstdokument	1 KB	Nej	1 KB	19%	29-12-2012 08:03
 <u>sct2_Relationship_Full_INT_20130731</u>	Tekstdokument	35.792 KB	Nej	485.430 KB	93%	13-06-2013 08:13
 <u>sct2_StatedRelationship_Full_INT_20130731</u>	Tekstdokument	8.235 KB	Nej	81.588 KB	90%	13-06-2013 08:13
 <u>sct2_TextDefinition_Full-en_INT_20130731</u>	Tekstdokument	33 KB	Nej	151 KB	79%	13-06-2013 08:11

Terminology-mappen indeholder 6 filer, hvor de væsentligste hedder noget med:

- sct2\_Concept, indeholder alle begreber
- sct2\_Description, indeholder alle termer
- sct\_Relationship, indeholder alle relationer mellem begreberne

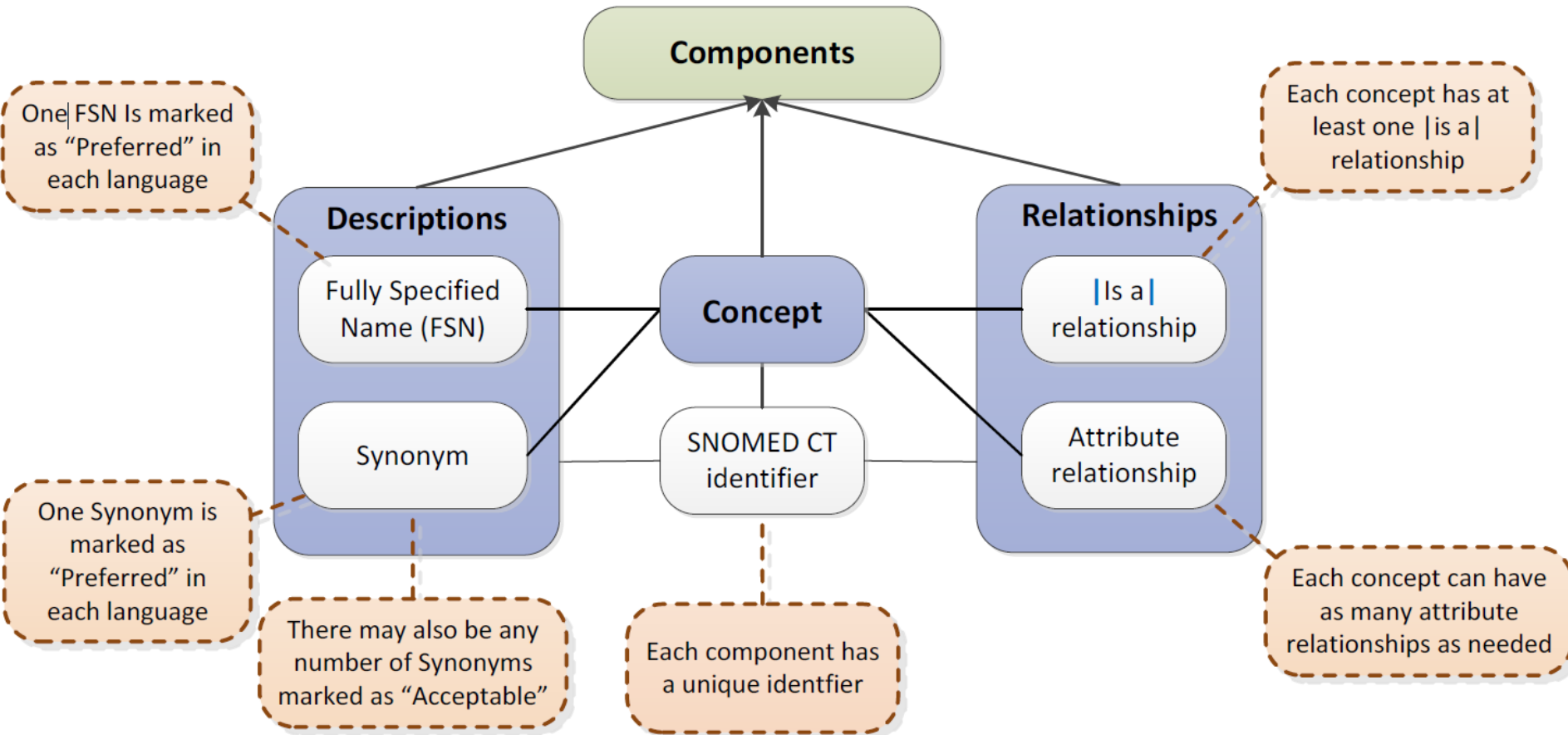
# RELEASE FILE STRUKTUR (3)

Refset	Filmappe			27-06-2013 12:42
Content	Filmappe			27-06-2013 12:42
Language	Filmappe			27-06-2013 12:42
Map	Filmappe			27-06-2013 12:42
Metadata	Filmappe			27-06-2013 12:42
der2_cRefset_LanguageSnapshot-da_DK1000005_20131018.txt		13-02-2014 10:04	Tekstdokument	38.924 KB
der2_cRefset_LanguageSnapshot-en_DK1000005_20131018.txt		13-02-2014 10:04	Tekstdokument	40 KB

I mappen Language under Refset findes filer, som bl.a. indeholder oplysninger om hvorvidt en term er en fortrukket term eller et synonym.

der2\_cRefset\_LanguageSnapshot-da\_DK1000005\_20131018.txt indeholder de termer, som er markeret med languageCode=da i description filen.

# SNOMED CT LOGICAL MODEL



# CONCEPTS AND DESCRIPTIONS



STATENS  
SERUM  
INSTITUT



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conceptId	1: current	554471000005508   Danish module		
id	effectiveTime	active	moduleId	definitionStatusId
554851000005102	20131018	1	554471000005108	900000000000074000
Sct2_Concept_XX_DK1000005_20131018.txt				

To find description connected to a specific concept search in the description file for rows with a specific conceptID  
e.g. **554851000005102**

descriptionId	conceptId	900000000000013009   Synonym						
id	effectiveTime	active	moduleId	conceptId	language Code	typeld	term	caseSignificanceId
4840581000005110	20131018	1	554471000005108	554851000005102	en	900000000000013009	Asylum centre	900000000000448009
4840591000005113	20131018	1	554471000005110	554851000005102	en	900000000000013009	Asylum center	900000000000448009
4840601000005119	20131018	1	554471000005110	554851000005102	da	900000000000013009	asylcenter	900000000000448009
4840611000005116	20131018	1	554471000005110	554851000005102	en	90000000000003001	Asylum seekers centre (environment)	900000000000448009
Sct2_Description_XX_DK1000005_20131018.txt								
90000000000003001  Fully specified name								

To determine whether a description marked as a synonym is a preferred term look in the language reference set for this information using the descriptionId.

# DESCRIPTIONS AND LANGUAGE REFERENCE SETS



STATENS  
SERUM  
INSTITUT



NATIONAL  
SUNDHEDS-IT

descriptionId

conceptId

900000000000013009 | Synonym |

id	effectiveTime	active	moduleId	conceptId	languageCode	typeId	term	caseSignificanceId
4840581000005110	20131018	1	554471000005108	554851000005102	en	900000000000013009	Asylum centre	900000000000448009
4840591000005113	20131018	1	554471000005108	554851000005102	en	900000000000013009	Asylum center	900000000000448009
4840601000005119	20131018	1	554471000005108	554851000005102	da	900000000000013009	asylcenter	900000000000448009
4840611000005116	20131018	1	554471000005108	554851000005102	en	90000000000003001	Asylum seekers centre (environment)	900000000000448009

Sct2\_Description\_XX\_DK1000005\_20131018.txt

To determine whether a description marked as a synonym is a preferred term look in the language reference set for this information using the descriptionId. If the languageCode=da you should look in the Danish language reference set or in the English language reference set if the languageCode=en.

id	effectiveTime	active	moduleId	refSetId	referencedComponentId	acceptabilityId
7ae5b779-af37-5c49-8eaf-b58b1e0a55d6	20131018	1	554471000005108	554461000005103	4840601000005119	900000000000548007

der2\_cRefset\_LanguageXX-da\_DK1000005\_20131018.txt

4840601000005119 | asylcenter | is a preferred term.

| Danish language reference set |

4840601000005119 | asylcenter |

900000000000548007 | Preferred |

id	effectiveTime	active	moduleId	refSetId	referencedComponentId	acceptabilityId
fe0315dd-7516-56e9-9eee-af775c65de58	20131018	1	554471000005108	900000000000508004	4840581000005110	900000000000548007

der2\_cRefset\_LanguageXX-en\_DK1000005\_20131018.txt

4840581000005110 | Asylum centre | is a preferred term.

| Great Britain English language reference set |

4840581000005110 | Asylum centre |

900000000000548007 | Preferred |

# CONCEPTS AND THEIR RELATIONSHIPS

A relationship represents an association between two concepts and each concept in SNOMED CT is logically defined through its relationships to other concepts. It is the defining relationships that make up the defining characteristics of the concepts. The defining characteristics can be divided into | Is a | relationships and defining attribute relationships.

To find relationships connected to a specific concept search in the relationship file for rows with a specific conceptID e.g. **553811000005100**.

id	effectiveTime	active	moduleId	sourceId	destinationId	relationshipGroup	typeId	characteristicTypeId	modifierId
556151000005125	20110812	1	554471000005108	553811000005100	322236009		0 116680003	900000000000011006	900000000000451002
556141000005127	20110812	1	554471000005108	553811000005100	421026006		0 411116001	900000000000011006	900000000000451002
556161000005128	20110812	1	554471000005108	553811000005100	387517004		0 127489000	900000000000011006	900000000000451002
Sct2_Relationship_XX_DK1000005_20131018.txt									

conceptId

conceptID that the relationship points to

Defining attribute relationship

553811000005100 | Panodil 500 mg tablet |

The 116680003 | IS A | relationship points from conceptID 553811000005100 | Panodil 500 mg tablet | to the supertype 322236009 | Paracetamol 500mg tablet |

The 411116001 | HAS DOSE FORM | relationship points from conceptID 553811000005100 | Panodil 500 mg tablet | to 421026006 | Oral tablet |

The 127489000 | HAS ACTIVE INGREDIENT | relationship points from conceptID 553811000005100 | Panodil 500 mg tablet | to 387517004 | Paracetamol |



## SNOMED CT Starter Guide

- 5. SNOMED CT Logical Model
- 6. SNOMED CT Concept Model
- 13. Release Schedule and file formats

[http://www.snomed.org/snomedct\\_starter.pdf](http://www.snomed.org/snomedct_starter.pdf)

## SNOMED CT Technical Implementation Guide (TIG)

- Chapter 5. Release File Specifications
- Chapter 5.5.3 File Formats

[http://ihtsdo.org/fileadmin/user\\_upload/doc/](http://ihtsdo.org/fileadmin/user_upload/doc/)

## IHTSDO and National Release Center (NCR)

[www.IHTSDO.org](http://www.IHTSDO.org)

[www.SSI.dk/snomedct](http://www.SSI.dk/snomedct)

[www.SSI.dk/snomedct/en](http://www.SSI.dk/snomedct/en)