

# OpenMRS

(Open Medical Record System)

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# OpenMRS

- Open source medical record system
- Created in 2004
- Over 1 million patient records
  
- Technology
  - Java 1.7
  - Spring MVC
  - Hibernate
  - MySQL

# My task

- TRUNK-2682
- Modify Concept methods :
  - getNameInLocale(Locale)
  - getPreferredName(Locale),
  - getFullSpecifiedName(Locale)
  - getShortNameInLocale
- to find names that have compatible Locale matches if no exact Locale match

# OpenMRS - Concept

## Viewing Concept: HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE

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**Id** 138405

**UUID** 138405AAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Locale** [English](#) | [Spanish](#) | [French](#) | [Italian](#) | [Portuguese](#)

**Fully Specified Name** HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE

**Synonyms** Human immunodeficiency virus (HIV) infection

**Search Terms**

**Short Name**

**Description**

**Class** Diagnosis

**Datatype** Coded

**Answers** [UNKNOWN \(1067\)](#)

[YES \(1065\)](#)

[NO \(1066\)](#)

**Mappings**

Relationship	Source	Code	Name
SAME-AS	IMO ProblemIT	300503	
SAME-AS	CIEL	138405	
SAME-AS	ICPC2	B90	
SAME-AS	SNOMED CT	86406008	
SAME-AS	3BT	10044897	
SAME-AS	IMO ProblemIT	598692	
SAME-AS	ICD-10-WHO	B24	

# TRUNK-2682

## Test Case

```
Concept concept = new Concept();
```

```
ConceptName shortName = new ConceptName("Gato", new Locale("es"));
```

```
shortName.setConceptNameType(ConceptNameType.SHORT);
```

```
concept.addName(shortName);
```

```
Assert.assertEquals("Gato", concept.getShortNameInLocale(new Locale("es","ES")).getName());
```

- java.util.Locale
  - Locale(String language)
  - Locale(String language, String country)
  - new Locale("es")!=new Locale("es","ES")

# Communication with community

- Fast response
- Very helpful
- Code review

# OpenMRS

- <http://openmrs.org/>
- Pull request
  - <https://github.com/openmrs/openmrs-core/pull/906>