OntoDiff: lex\_sp-defs-231012 vs lex\_sp-defs-231011

==== === === [ OntoRail Diff ] === === ====
 • target: lex\_sp-defs-231012 (https://glossaries.ontorail.org/LEX\_SP-DEFS/lex\_sp-defs-231012#)
 • versus: lex\_sp-defs-231011 (https://glossaries.ontorail.org/LEX\_SP-DEFS/lex\_sp-defs-231011#)
 • entity types considered: ['lexinfo:AbbreviatedForm', 'ontolex:LexicalEntry', 'ontolex:Form', 'ontolex:LexicalSense', 'ontolex:LexicalConcept']
 • performed: 2024-01-11 16:42:56 +0000
 • duration: 4.1 sec
 • OntoDiff version date: 2024-01-11 16:37:49
 • Ignored predicates: xmi:ea\_localid, xmi:lowerValue\_\_id, xmi:upperValue\_\_id, xmi:source\_\_isNavigable, xmi:coords\_\_ordered, xmi:coords\_\_scale, xmi:containment\_\_position, xmi:virtualInheritance, xmi:target\_\_isNavigable, xmi:source\_\_idref, xmi:target\_\_idref, xmi:type\_\_idref, xmi:labels\_\_rb, xmi:type, xmi:visibility, xmi:isUnique, xmi:upperValue\_\_type, xmi:isDerived, xmi:isDerivedUnion, xmi:isOrdered, xmi:isReadOnly, xmi:isStatic
=== === === === === === === === === === ===

Table Of Content

|  |  |
| --- | --- |
| Modifications Summary | Modifications Details |
|  \* [lexinfo:AbbreviatedForm](#Summary_lexinfo:AbbreviatedForm) \* [ontolex:LexicalEntry](#Summary_ontolex:LexicalEntry) \* [ontolex:Form](#Summary_ontolex:Form) \* [ontolex:LexicalSense](#Summary_ontolex:LexicalSense) \* [ontolex:LexicalConcept](#Summary_ontolex:LexicalConcept) |  \* [lexinfo:AbbreviatedForm](#Details_lexinfo:AbbreviatedForm) \* [ontolex:LexicalEntry](#Details_ontolex:LexicalEntry) \* [ontolex:Form](#Details_ontolex:Form) \* [ontolex:LexicalSense](#Details_ontolex:LexicalSense) \* [ontolex:LexicalConcept](#Details_ontolex:LexicalConcept) |

# Summary

## lexinfo:AbbreviatedForm entities

### 7 lexinfo:AbbreviatedForm in lex\_sp-defs-231012:

### 0 lexinfo:AbbreviatedForm NEW from lex\_sp-defs-231011:

### 0 lexinfo:AbbreviatedForm REMOVED from lex\_sp-defs-231011:

### 0 lexinfo:AbbreviatedForm MODIFIED from lex\_sp-defs-231011:

## ontolex:LexicalEntry entities

### 614 ontolex:LexicalEntry in lex\_sp-defs-231012:

### 1 ontolex:LexicalEntry NEW from lex\_sp-defs-231011:

customer

### 4 ontolex:LexicalEntry REMOVED from lex\_sp-defs-231011:

"Data Model View", "ERTMS comprises of the European Train Control System (ETCS), i.e. a cab-signalling system that incorporates automatic train protection, the Global System for Mobile communications for Railways (GSM-R) and operating rules.", "Holistic Requirements Model (HRM)", "example1: merve"

### 1 ontolex:LexicalEntry MODIFIED from lex\_sp-defs-231011:

"Functional Application"

## ontolex:Form entities

### 614 ontolex:Form in lex\_sp-defs-231012:

### 1 ontolex:Form NEW from lex\_sp-defs-231011:

CUSTOMER\_lexForm

### 4 ontolex:Form REMOVED from lex\_sp-defs-231011:

DATA--MODEL--VIEW\_lexForm, ERTMS--COMPRISES--OF--THE--EUROPEAN--TRAIN--CONTROL--SYSTEM--ETCS--I-E---A--CAB-SIGNALLING--SYSTEM--THAT--INCORPORATES--AUTOMATIC--TRAIN--PROTECTION--THE--GLOBAL--SYSTEM--FOR--MOBILE--COMMUNICATIONS--FOR--RAILWAYS--GSM-R--AND--OPERATING--RULES\_lexForm, EXAMPLE1---MERVE\_lexForm, HOLISTIC--REQUIREMENTS--MODEL--HRM\_lexForm

### 1 ontolex:Form MODIFIED from lex\_sp-defs-231011:

FUNCTIONAL--APPLICATION\_lexForm

## ontolex:LexicalSense entities

### 594 ontolex:LexicalSense in lex\_sp-defs-231012:

### 1 ontolex:LexicalSense NEW from lex\_sp-defs-231011:

CUSTOMER\_lexSense

### 4 ontolex:LexicalSense REMOVED from lex\_sp-defs-231011:

DATA--MODEL--VIEW\_lexSense, ERTMS--COMPRISES--OF--THE--EUROPEAN--TRAIN--CONTROL--SYSTEM--ETCS--I-E---A--CAB-SIGNALLING--SYSTEM--THAT--INCORPORATES--AUTOMATIC--TRAIN--PROTECTION--THE--GLOBAL--SYSTEM--FOR--MOBILE--COMMUNICATIONS--FOR--RAILWAYS--GSM-R--AND--OPERATING--RULES\_lexSense, EXAMPLE1---MERVE\_lexSense, HOLISTIC--REQUIREMENTS--MODEL--HRM\_lexSense

### 18 ontolex:LexicalSense MODIFIED from lex\_sp-defs-231011:

AB--CI--CMS--DCM--ECMT--GUI--ETA--PCS--RIM--RIS--ROC--TAF\_TAP--TSI--TCR--TMS--ALLOCATION--BODY--C\_lexSense, AUTHENTICATION\_lexSense, AUTOMATIC--CONFLICT--SOLUTION\_lexSense, CAPACITY--PLAN--AND--DECISION--PROCESSING\_lexSense, CONFIDENTIALITY\_lexSense, DEVIATION--DETECTION\_lexSense, ERTMS\_lexSense, FUNCTIONAL--APPLICATION\_lexSense, HUMAN--MACHINE--INTERFACE\_lexSense, INCIDENT--IMPACT--MANAGEMENT\_lexSense, LR\_lexSense, PRAMSS\_lexSense, REAL-TIME--CONFLICT--DETECTION\_lexSense, SECTIONAL--RUNTIME--CALCULATION\_lexSense, TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexSense, TLS\_lexSense, TMS--DAILY--TOPOLOGY\_lexSense, TOPOLOGY--MASTER--DATA--VALIDATION--AND--IMPORT\_lexSense

## ontolex:LexicalConcept entities

### 684 ontolex:LexicalConcept in lex\_sp-defs-231012:

### 2 ontolex:LexicalConcept NEW from lex\_sp-defs-231011:

CUSTOMER\_lexConcept, ERTMS\_lexConcept\_3

### 26 ontolex:LexicalConcept REMOVED from lex\_sp-defs-231011:

AB--CI--CMS--DCM--ECMT--GUI--ETA--PCS--RIM--RIS--ROC--TAF\_TAP--TSI--TCR--TMS--ALLOCATION--BODY--C\_lexConcept\_2, AB--CI--CMS--DCM--ECMT--GUI--ETA--PCS--RIM--RIS--ROC--TAF\_TAP--TSI--TCR--TMS--ALLOCATION--BODY--C\_lexConcept\_3, AUTHENTICATION\_lexConcept\_2, AUTOMATIC--CONFLICT--SOLUTION\_lexConcept\_3, CAPACITY--PLAN--AND--DECISION--PROCESSING\_lexConcept\_3, CONFIDENTIALITY\_lexConcept\_2, DATA--MODEL--VIEW\_lexConcept, DEVIATION--DETECTION\_lexConcept\_3, ERTMS--COMPRISES--OF--THE--EUROPEAN--TRAIN--CONTROL--SYSTEM--ETCS--I-E---A--CAB-SIGNALLING--SYSTEM--THAT--INCORPORATES--AUTOMATIC--TRAIN--PROTECTION--THE--GLOBAL--SYSTEM--FOR--MOBILE--COMMUNICATIONS--FOR--RAILWAYS--GSM-R--AND--OPERATING--RULES\_lexConcept, EXAMPLE1---MERVE\_lexConcept, FUNCTIONAL--APPLICATION\_lexConcept\_2, HOLISTIC--REQUIREMENTS--MODEL--HRM\_lexConcept, HUMAN--MACHINE--INTERFACE\_lexConcept\_4, INCIDENT--IMPACT--MANAGEMENT\_lexConcept\_3, LR\_lexConcept\_2, PRAMSS\_lexConcept\_2, REAL-TIME--CONFLICT--DETECTION\_lexConcept\_3, SECTIONAL--RUNTIME--CALCULATION\_lexConcept\_3, TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexConcept\_3, TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexConcept\_4, TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexConcept\_5, TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexConcept\_6, TLS\_lexConcept\_2, TMS--DAILY--TOPOLOGY\_lexConcept\_3, TOPOLOGY--MASTER--DATA--VALIDATION--AND--IMPORT\_lexConcept\_3, TOPOLOGY--MASTER--DATA--VALIDATION--AND--IMPORT\_lexConcept\_4

### 5 ontolex:LexicalConcept MODIFIED from lex\_sp-defs-231011:

ERTMS\_lexConcept, ERTMS\_lexConcept\_2, FUNCTIONAL--APPLICATION\_lexConcept, HUMAN--MACHINE--INTERFACE\_lexConcept\_3, PRAMSS\_lexConcept

# Modified Entities

## lexinfo:AbbreviatedForm entities

 ➱ No modification occured in this type of Entities

## ontolex:LexicalEntry entities

### ontorail:ontolex:LexicalEntry 1 cosmetic changes have been skipped

## ontolex:Form entities

### ontorail:ontolex:Form 1 cosmetic changes have been skipped

## ontolex:LexicalSense entities

### ontorail:ontolex:LexicalSense 0 cosmetic changes have been skipped

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:AB--CI--CMS--DCM--ECMT--GUI--ETA--PCS--RIM--RIS--ROC--TAF\_TAP--TSI--TCR--TMS--ALLOCATION--BODY--C\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :AB--CI--CMS--DCM--ECMT--GUI--ETA--PCS--RIM--RIS--ROC--TAF\_TAP--TSI--TCR--TMS--ALLOCATION--BODY--C\_lexConcept, -- :AB--CI--CMS--DCM--ECMT--GUI--ETA--PCS--RIM--RIS--ROC--TAF\_TAP--TSI--TCR--TMS--ALLOCATION--BODY--C\_lexConcept\_2, -- :AB--CI--CMS--DCM--ECMT--GUI--ETA--PCS--RIM--RIS--ROC--TAF\_TAP--TSI--TCR--TMS--ALLOCATION--BODY--C\_lexConcept\_3

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:AUTHENTICATION\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :AUTHENTICATION\_lexConcept, -- :AUTHENTICATION\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:AUTOMATIC--CONFLICT--SOLUTION\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :AUTOMATIC--CONFLICT--SOLUTION\_lexConcept, :AUTOMATIC--CONFLICT--SOLUTION\_lexConcept\_2, -- :AUTOMATIC--CONFLICT--SOLUTION\_lexConcept\_3

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:CAPACITY--PLAN--AND--DECISION--PROCESSING\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :CAPACITY--PLAN--AND--DECISION--PROCESSING\_lexConcept, :CAPACITY--PLAN--AND--DECISION--PROCESSING\_lexConcept\_2, -- :CAPACITY--PLAN--AND--DECISION--PROCESSING\_lexConcept\_3

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:CONFIDENTIALITY\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :CONFIDENTIALITY\_lexConcept, -- :CONFIDENTIALITY\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:DEVIATION--DETECTION\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :DEVIATION--DETECTION\_lexConcept, :DEVIATION--DETECTION\_lexConcept\_2, -- :DEVIATION--DETECTION\_lexConcept\_3

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:ERTMS\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :ERTMS\_lexConcept, :ERTMS\_lexConcept\_2, ++ :ERTMS\_lexConcept\_3

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:FUNCTIONAL--APPLICATION\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :FUNCTIONAL--APPLICATION\_lexConcept, -- :FUNCTIONAL--APPLICATION\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:HUMAN--MACHINE--INTERFACE\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :HUMAN--MACHINE--INTERFACE\_lexConcept, :HUMAN--MACHINE--INTERFACE\_lexConcept\_2, :HUMAN--MACHINE--INTERFACE\_lexConcept\_3, -- :HUMAN--MACHINE--INTERFACE\_lexConcept\_4

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:INCIDENT--IMPACT--MANAGEMENT\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :INCIDENT--IMPACT--MANAGEMENT\_lexConcept, :INCIDENT--IMPACT--MANAGEMENT\_lexConcept\_2, -- :INCIDENT--IMPACT--MANAGEMENT\_lexConcept\_3

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:LR\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :LR\_lexConcept, -- :LR\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:PRAMSS\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :PRAMSS\_lexConcept, -- :PRAMSS\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:REAL-TIME--CONFLICT--DETECTION\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :REAL-TIME--CONFLICT--DETECTION\_lexConcept, :REAL-TIME--CONFLICT--DETECTION\_lexConcept\_2, -- :REAL-TIME--CONFLICT--DETECTION\_lexConcept\_3

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:SECTIONAL--RUNTIME--CALCULATION\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :SECTIONAL--RUNTIME--CALCULATION\_lexConcept, :SECTIONAL--RUNTIME--CALCULATION\_lexConcept\_2, -- :SECTIONAL--RUNTIME--CALCULATION\_lexConcept\_3

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexConcept, :TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexConcept\_2, -- :TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexConcept\_3, -- :TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexConcept\_4, -- :TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexConcept\_5, -- :TERM--STATUS--DESCRIPTION--OPERATING--STATE--DRAFT--THE--OPERATING--STATE--DESCRIBES--THE\_lexConcept\_6

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:TLS\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :TLS\_lexConcept, -- :TLS\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:TMS--DAILY--TOPOLOGY\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :TMS--DAILY--TOPOLOGY\_lexConcept, :TMS--DAILY--TOPOLOGY\_lexConcept\_2, -- :TMS--DAILY--TOPOLOGY\_lexConcept\_3

### ontorail:ontolex:LexicalSense lex\_sp-defs-231012:TOPOLOGY--MASTER--DATA--VALIDATION--AND--IMPORT\_lexSense modifications from lex\_sp-defs-231011:

 == ontolex:isLexicalizedSenseOf => :TOPOLOGY--MASTER--DATA--VALIDATION--AND--IMPORT\_lexConcept, :TOPOLOGY--MASTER--DATA--VALIDATION--AND--IMPORT\_lexConcept\_2, -- :TOPOLOGY--MASTER--DATA--VALIDATION--AND--IMPORT\_lexConcept\_3, -- :TOPOLOGY--MASTER--DATA--VALIDATION--AND--IMPORT\_lexConcept\_4

## ontolex:LexicalConcept entities

### ontorail:ontolex:LexicalConcept 1 cosmetic changes have been skipped

### ontorail:ontolex:LexicalConcept lex\_sp-defs-231012:ERTMS\_lexConcept modifications from lex\_sp-defs-231011:

 == skos:definition => ++ "ERTMS comprises of the European Train Control System (ETCS), i.e. a cab-signalling system that incorporates automatic train protection, the Global System for Mobile communications for Railways (GSM-R) and operating rules.\n(ERA definition)", -- "European Railway Traffic Management System (ERTMS) is a single European signalling and speed control system that ensures interoperability of the national railway systems, reducing the purchasing and maintenance costs of the signalling systems as well as increasing the speed of trains, the capacity of infrastructure and the level of safety in rail transport. ERTMS comprises of the European Train Control System (ETCS), i.e. a cab-signalling system that incorporates automatic train protection, the Global System for Mobile communications for Railways (GSM-R) and operating rules. (ERA definition)"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-231012:ERTMS\_lexConcept\_2 modifications from lex\_sp-defs-231011:

 == skos:definition => ++ "European Railway Traffic Management System (ERTMS) is a single European signalling and speed control system that ensures interoperability of the national railway systems, reducing the purchasing and maintenance costs of the signalling systems as well as increasing the speed of trains, the capacity of infrastructure and the level of safety in rail transport. ERTMS comprises of the European Train Control System (ETCS), i.e. a cab-signalling system that incorporates automatic train protection, the Global System for Mobile communications for Railways (GSM-R) and operating rules. (ERA definition)", -- "European Rail Traffic Management System"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-231012:FUNCTIONAL--APPLICATION\_lexConcept modifications from lex\_sp-defs-231011:

 == skos:definition => ++ "A comprehensive set of self-contained software functions, assumed to be provided as one product by a single vendor. A functional application could consist of:\n\n \n\n\* 1..n software functions and\n\n\* a generic (deployment) configuration.\n\nNote that runtime environment is not part of the functional application, even if it is sometimes (not always) exchanged within the same step as the application is changed.", -- "A comprehensive set of self-contained software functions, assumed to be provided as one product by a single vendor. Functions within one application may have different functional safety requirements."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-231012:HUMAN--MACHINE--INTERFACE\_lexConcept\_3 modifications from lex\_sp-defs-231011:

 == skos:definition => ++ "The Human Machine Interface is a physical interface permitting an interaction between a human and the system control. The purpose of this interface is to allow effective operation by the human (ie: acknowledgement for a function) permitting to the machine (computer) to adapt simultanously the behaviour of the control command.", -- "Graphical component to interact with a user e.g., by train graph."