OntoDiff: lex\_sp-defs-240117 vs lex\_sp-defs-231220

==== === === [ OntoRail Diff ] === === ====
 • target: lex\_sp-defs-240117 (https://glossaries.ontorail.org/LEX\_SP-DEFS/lex\_sp-defs-240117#)
 • versus: lex\_sp-defs-231220 (https://glossaries.ontorail.org/LEX\_SP-DEFS/lex\_sp-defs-231220#)
 • entity types considered: ['lexinfo:AbbreviatedForm', 'ontolex:LexicalEntry', 'ontolex:Form', 'ontolex:LexicalSense', 'ontolex:LexicalConcept']
 • performed: 2024-01-17 09:10:24 +0000
 • duration: 6.5 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
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# Summary

## lexinfo:AbbreviatedForm entities

### 75 lexinfo:AbbreviatedForm in lex\_sp-defs-240117:

### 37 lexinfo:AbbreviatedForm NEW from lex\_sp-defs-231220:

ARCT, CCS, CEN, CENELEC, CER, COM, CONEMP, CONOPS, CONUSE, "DG MOVE", "DG RTD", EARS, EIM, ENISA, ERA, ETA, ETF, EUSPA, FRS/FIS, INCOSE, ISO, JU, NB-Rail, "OSI layer", OpsCON, PMAT, PRAMSS, RASCOP, TAF/TAP, "TAF/TAP TSI", TSI, UIC, UIP, UITP, UNIFE, UNISIG, UNITEL

### 0 lexinfo:AbbreviatedForm REMOVED from lex\_sp-defs-231220:

### 1 lexinfo:AbbreviatedForm with a changed IRI from lex\_sp-defs-231220:

Label:"ERJU" : IRI changed from lex\_sp-defs-231220:ERJU\_abbrev to lex\_sp-defs-240117:EUROPE\_S--RAIL--JOINT--UNDERTAKING\_acronym

### 1 lexinfo:AbbreviatedForm MODIFIED from lex\_sp-defs-231220:

sw

## ontolex:LexicalEntry entities

### 917 ontolex:LexicalEntry in lex\_sp-defs-240117:

### 168 ontolex:LexicalEntry NEW from lex\_sp-defs-231220:

AB, ARCT, AWC, "Allocation Body", "Architecture Working Circle", "Architecture and Release Coordination Team", CBA, CBO, CCS, CEN, CENELEC, CER, CI, CI, COM, CONEMP, CONOPS, CONUSE, CR, "Common Instance", "Common Interface", "Community of European Railway and Infrastructure Companies", "Concept how to use the system", "Concept of Employment", "Concept of Operations", "Control-Command and Signalling", "Cost Benefit Analysis", DAC, DCM, "DG MOVE", "DG RTD", "Digital Automated Coupling", "Digital Capacity Management", "Directorate-General for Mobility and Transport", "Directorate-General for Research and Innovation", "Driveability (or Drivability)", EARS, ECMT, EDDP, EECT, EIM, ENISA, EPF, ERA, "ERA Extended Core Team", ERRAC, ERTMS, "ERTMS Users Group", ESA, ESC, ESO, ETA, ETF, ETSI, "EU Agency for the Space Programme", EUG, EUSPA, "Easy Approach to Requirements Syntax", "Estimated Time of Arrival", "European Capacity Management Tool", "European Commission", "European Committee for Electrotechnical Standardization", "European Committee for Standardization", "European DAC Delivery Program", "European Passengers' Federation", "European Rail Infrastructure Managers", "European Rail Research Advisory Council", "European Rail Traffic Management System", "European Securities Committee", "European Space Agency", "European Standardization Organization", "European Telecommunications Standards Institute", "European Transport Workers' Federation", "European Union Agency for Railways", "European Union Agency for cybersecurity", FA, FDFTO, FFFIS, FIS, FM, FRS, FRS/FIS, FTE, "Flagship Area", "Form Fit Function Interface Specification", "Founding Members", "Full Digital Freight Train Operations", "Full Time Equivalent", "Functional Interface Specification", "Functional Requirement Specification/Functional Interface Specification", "Functional Requirements Specification", GUI, "Graphical User Interface", HRM, "Holistic Requirements Model", IEC, INCOSE, IPSE, ISO, "Innovation Pillar System Experts", "International Association of Public Transport", "International Council on Systems Engineering", "International Electrotechnical Commission", "International Organization for Standardization", "International Union of Wagon Keepers", "International union of railways", JU, MBSE, MTBF, "Mean time between failure", "Model based System Engineering", NB-Rail, NSA, "National Safety Authority", "Notified bodies for interoperability in the railway sector", OHT, "OSI layer", "Open System Interaction Model", "Operational Harmonization Team", OpsCON, PCS, PMAT, PMO, PRAMSS, "PRAMSS Management & Assurance Team", "Path Coordination System", "Performance, reliability, availability, maintainability, safety and security", "Project Management Office", RASCOP, RIM, RIS, RNE, ROC, "Rail Net Europe", "Rail Standardisation Coordination Platform for Europe", "Railway Infrastructure Manager", "Railway Infrastructure System", "Railway Operating Company", SEMP, SPC, SPDT, SPSG, SRS, "System Engineering Management Plan", "System Pillar Coregroup", "System Pillar Domain Team", "System Requirements Specification", TAF/TAP, "TAF/TAP TSI", TC, TCR, TSI, TWG, "Technical Committee", "Technical Specification for Interoperability relating to Telematics...", "Technical Specifications for Interoperability", "Telematics Applications for Freight/Passenger Services", "Temporary Capacity Restriction", "Topical Working Group", UIC, UIP, UITP, UNIFE, UNISIG, UNITEL, "Union Industry of Signalling", "Union Industry of Telecommunications", "Union des Industries Ferroviaires Européennes"

### 14 ontolex:LexicalEntry REMOVED from lex\_sp-defs-231220:

"AB Allocation Body", "CI Common Interface", "CMS Capacity Management System", "DCM Digital Capacity Management", "ECMT European Capacity Management Tool", "ETA Estimated Time of Arrival", "GUI Graphical User Interface", "PCS Path Coordination System", "RIM Railway Infrastructure Manager", "RIS Railway Infrastructure System", "ROC Railway Operating Company", "TAF/TAP TSI Technical Specification for Interoperability relating to Telematics...", "TCR Temporary Capacity Restriction", "TMS Traffic Management System"

### 72 ontolex:LexicalEntry with a changed IRI from lex\_sp-defs-231220:

Label:"ARCT" : IRI changed from lex\_sp-defs-231220:ARCT\_label to lex\_sp-defs-240117:ARCHITECTURE--AND--RELEASE--COORDINATION--TEAM\_abbrev, Label:"AWC" : IRI changed from lex\_sp-defs-231220:AWC\_label to lex\_sp-defs-240117:ARCHITECTURE--WORKING--CIRCLE\_acronym, Label:"CBA" : IRI changed from lex\_sp-defs-231220:CBA\_label to lex\_sp-defs-240117:COST--BENEFIT--ANALYSIS\_acronym, Label:"CBO" : IRI changed from lex\_sp-defs-231220:CBO\_label to lex\_sp-defs-240117:COMMON--BUSINESS--OBJECTIVE\_acronym, Label:"CCS" : IRI changed from lex\_sp-defs-231220:CCS\_label to lex\_sp-defs-240117:CONTROL--COMMAND--AND--SIGNALING\_abbrev, Label:"CEN" : IRI changed from lex\_sp-defs-231220:CEN\_label to lex\_sp-defs-240117:EUROPEAN--COMMITTEE--FOR--STANDARDIZATION\_abbrev, Label:"CENELEC" : IRI changed from lex\_sp-defs-231220:CENELEC\_label to lex\_sp-defs-240117:EUROPEAN--COMMITTEE--FOR--ELECTROTECHNICAL--STANDARDIZATION\_abbrev, Label:"CER" : IRI changed from lex\_sp-defs-231220:CER\_label to lex\_sp-defs-240117:COMMUNITY--OF--EUROPEAN--RAILWAY--AND--INFRASTRUCTURE--COMPANIES\_abbrev, Label:"COM" : IRI changed from lex\_sp-defs-231220:COM\_label to lex\_sp-defs-240117:EUROPEAN--COMMISSION\_abbrev, Label:"CONEMP" : IRI changed from lex\_sp-defs-231220:CONEMP\_label to lex\_sp-defs-240117:CONCEPT--OF--EMPLOYMENT\_abbrev, Label:"CONOPS" : IRI changed from lex\_sp-defs-231220:CONOPS\_label to lex\_sp-defs-240117:CONCEPT--OF--OPERATIONS\_abbrev, Label:"CONUSE" : IRI changed from lex\_sp-defs-231220:CONUSE\_label to lex\_sp-defs-240117:CONCEPT--HOW--TO--USE--THE--SYSTEM\_abbrev, Label:"CR" : IRI changed from lex\_sp-defs-231220:CR\_label to lex\_sp-defs-240117:CHANGE--REQUEST\_acronym, Label:"DAC" : IRI changed from lex\_sp-defs-231220:DAC\_label to lex\_sp-defs-240117:DIGITAL--AUTOMATED--COUPLING\_acronym, Label:"DG MOVE" : IRI changed from lex\_sp-defs-231220:DG--MOVE\_label to lex\_sp-defs-240117:DIRECTORATE-GENERAL--FOR--MOBILITY--AND--TRANSPORT\_abbrev, Label:"DG RTD" : IRI changed from lex\_sp-defs-231220:DG--RTD\_label to lex\_sp-defs-240117:DIRECTORATE-GENERAL--FOR--RESEARCH--AND--INNOVATION\_abbrev, Label:"EARS" : IRI changed from lex\_sp-defs-231220:EARS\_label to lex\_sp-defs-240117:EASY--APPROACH--TO--REQUIREMENTS--SYNTAX\_abbrev, Label:"EDDP" : IRI changed from lex\_sp-defs-231220:EDDP\_label to lex\_sp-defs-240117:EUROPEAN--DAC--DELIVERY--PROGRAM\_acronym, Label:"EECT" : IRI changed from lex\_sp-defs-231220:EECT\_label to lex\_sp-defs-240117:ERA--EXTENDED--CORE--TEAM\_acronym, Label:"EIM" : IRI changed from lex\_sp-defs-231220:EIM\_label to lex\_sp-defs-240117:EUROPEAN--RAIL--INFRASTRUCTURE--MANAGERS\_abbrev, Label:"ENISA" : IRI changed from lex\_sp-defs-231220:ENISA\_label to lex\_sp-defs-240117:EUROPEAN--UNION--AGENCY--FOR--CYBERSECURITY\_abbrev, Label:"EPF" : IRI changed from lex\_sp-defs-231220:EPF\_label to lex\_sp-defs-240117:EUROPEAN--PASSENGERS\_--FEDERATION\_acronym, Label:"ERA" : IRI changed from lex\_sp-defs-231220:ERA\_label to lex\_sp-defs-240117:EUROPEAN--UNION--AGENCY--FOR--RAILWAYS\_abbrev, Label:"ERJU" : IRI changed from lex\_sp-defs-231220:ERJU\_abbrev to lex\_sp-defs-240117:EUROPE\_S--RAIL--JOINT--UNDERTAKING\_acronym, Label:"ERJU" : IRI changed from lex\_sp-defs-231220:ERJU\_label to lex\_sp-defs-240117:EUROPE\_S--RAIL--JOINT--UNDERTAKING\_acronym, Label:"ERRAC" : IRI changed from lex\_sp-defs-231220:ERRAC\_label to lex\_sp-defs-240117:EUROPEAN--RAIL--RESEARCH--ADVISORY--COUNCIL\_acronym, Label:"ERTMS" : IRI changed from lex\_sp-defs-231220:ERTMS\_label to lex\_sp-defs-240117:EUROPEAN--RAILWAY--TRAFFIC--MANAGEMENT--SYSTEM\_acronym, Label:"ESA" : IRI changed from lex\_sp-defs-231220:ESA\_label to lex\_sp-defs-240117:EUROPEAN--SPACE--AGENCY\_acronym, Label:"ESC" : IRI changed from lex\_sp-defs-231220:ESC\_label to lex\_sp-defs-240117:EUROPEAN--SECURITIES--COMMITTEE\_acronym, Label:"ESO" : IRI changed from lex\_sp-defs-231220:ESO\_label to lex\_sp-defs-240117:EUROPEAN--STANDARDIZATION--ORGANIZATION\_acronym, Label:"ETF" : IRI changed from lex\_sp-defs-231220:ETF\_label to lex\_sp-defs-240117:EUROPEAN--TRANSPORT--WORKERS\_--FEDERATION\_abbrev, Label:"ETSI" : IRI changed from lex\_sp-defs-231220:ETSI\_label to lex\_sp-defs-240117:EUROPEAN--TELECOMMUNICATIONS--STANDARDS--INSTITUTE\_acronym, Label:"EUG" : IRI changed from lex\_sp-defs-231220:EUG\_label to lex\_sp-defs-240117:ERTMS--USERS--GROUP\_acronym, Label:"EUSPA" : IRI changed from lex\_sp-defs-231220:EUSPA\_label to lex\_sp-defs-240117:EU--AGENCY--FOR--THE--SPACE--PROGRAMME\_abbrev, Label:"FA" : IRI changed from lex\_sp-defs-231220:FA\_label to lex\_sp-defs-240117:FLAGSHIP--AREA\_acronym, Label:"FDFTO" : IRI changed from lex\_sp-defs-231220:FDFTO\_label to lex\_sp-defs-240117:FULL--DIGITAL--FREIGHT--TRAIN--OPERATIONS\_acronym, Label:"FIS" : IRI changed from lex\_sp-defs-231220:FIS\_label to lex\_sp-defs-240117:FUNCTIONAL--INTERFACE--SPECIFICATION\_acronym, Label:"FM" : IRI changed from lex\_sp-defs-231220:FM\_label to lex\_sp-defs-240117:FOUNDING--MEMBERS\_acronym, Label:"FRMCS" : IRI changed from lex\_sp-defs-231220:FRMCS\_label to lex\_sp-defs-240117:FUTURE--RAILWAY--MOBILE--COMMUNICATION--SYSTEM\_acronym, Label:"FRS" : IRI changed from lex\_sp-defs-231220:FRS\_label to lex\_sp-defs-240117:FUNCTIONAL--REQUIREMENTS--SPECIFICATION\_acronym, Label:"FRS/FIS" : IRI changed from lex\_sp-defs-231220:FRS\_FIS\_label to lex\_sp-defs-240117:FUNCTIONAL--REQUIREMENT--SPECIFICATION\_FUNCTIONAL--INTERFACE--SPECIFICATION\_abbrev, Label:"FTE" : IRI changed from lex\_sp-defs-231220:FTE\_label to lex\_sp-defs-240117:FULL--TIME--EQUIVALENT\_acronym, Label:"HRM" : IRI changed from lex\_sp-defs-231220:HRM\_label to lex\_sp-defs-240117:HOLISTIC--REQUIREMENTS--MODEL\_acronym, Label:"IEC" : IRI changed from lex\_sp-defs-231220:IEC\_label to lex\_sp-defs-240117:INTERNATIONAL--ELECTROTECHNICAL--COMMISSION\_acronym, Label:"INCOSE" : IRI changed from lex\_sp-defs-231220:INCOSE\_label to lex\_sp-defs-240117:INTERNATIONAL--COUNCIL--ON--SYSTEMS--ENGINEERING\_abbrev, Label:"IPSE" : IRI changed from lex\_sp-defs-231220:IPSE\_label to lex\_sp-defs-240117:INNOVATION--PILLAR--SYSTEM--EXPERTS\_acronym, Label:"ISO" : IRI changed from lex\_sp-defs-231220:ISO\_label to lex\_sp-defs-240117:INTERNATIONAL--ORGANIZATION--FOR--STANDARDIZATION\_abbrev, Label:"JU" : IRI changed from lex\_sp-defs-231220:JU\_label to lex\_sp-defs-240117:EUROPE\_S--RAIL--JOINT--UNDERTAKING\_abbrev, Label:"MBSE" : IRI changed from lex\_sp-defs-231220:MBSE\_label to lex\_sp-defs-240117:MODEL--BASED--SYSTEM--ENGINEERING\_acronym, Label:"NB-Rail" : IRI changed from lex\_sp-defs-231220:NB-RAIL\_label to lex\_sp-defs-240117:NOTIFIED--BODIES--FOR--INTEROPERABILITY--IN--THE--RAILWAY--SECTOR\_abbrev, Label:"OHT" : IRI changed from lex\_sp-defs-231220:OHT\_label to lex\_sp-defs-240117:OPERATIONAL--HARMONIZATION--TEAM\_acronym, Label:"OSI layer" : IRI changed from lex\_sp-defs-231220:OSI--LAYER\_label to lex\_sp-defs-240117:OPEN--SYSTEM--INTERACTION--MODEL\_abbrev, Label:"OpsCON" : IRI changed from lex\_sp-defs-231220:OPSCON\_label to lex\_sp-defs-240117:OPERATIONAL--CONCEPTS\_abbrev, Label:"PMAT" : IRI changed from lex\_sp-defs-231220:PMAT\_label to lex\_sp-defs-240117:PRAMSS--MANAGEMENT--AND--ASSURANCE--TEAM\_abbrev, Label:"PMO" : IRI changed from lex\_sp-defs-231220:PMO\_label to lex\_sp-defs-240117:PROJECT--MANAGEMENT--OFFICE\_acronym, Label:"PRAMSS" : IRI changed from lex\_sp-defs-231220:PRAMSS\_label to lex\_sp-defs-240117:PERFORMANCE--RELIABILITY--AVAILABILITY--MAINTAINABILITY--SAFETY--AND--SECURITY\_abbrev, Label:"RASCOP" : IRI changed from lex\_sp-defs-231220:RASCOP\_label to lex\_sp-defs-240117:RAIL--STANDARDISATION--COORDINATION--PLATFORM--FOR--EUROPE\_abbrev, Label:"RNE" : IRI changed from lex\_sp-defs-231220:RNE\_label to lex\_sp-defs-240117:RAIL--NET--EUROPE\_acronym, Label:"SEMP" : IRI changed from lex\_sp-defs-231220:SEMP\_label to lex\_sp-defs-240117:SYSTEM--ENGINEERING--MANAGEMENT--PLAN\_acronym, Label:"SPC" : IRI changed from lex\_sp-defs-231220:SPC\_label to lex\_sp-defs-240117:SYSTEM--PILLAR--COREGROUP\_acronym, Label:"SPDT" : IRI changed from lex\_sp-defs-231220:SPDT\_label to lex\_sp-defs-240117:SYSTEM--PILLAR--DOMAIN--TEAM\_acronym, Label:"SPSG" : IRI changed from lex\_sp-defs-231220:SPSG\_label to lex\_sp-defs-240117:SYSTEM--PILLAR--STEERING--GROUP\_acronym, Label:"TAF/TAP" : IRI changed from lex\_sp-defs-231220:TAF\_TAP\_label to lex\_sp-defs-240117:TELEMATICS--APPLICATIONS--FOR--FREIGHT\_PASSENGER--SERVICES\_abbrev, Label:"TC" : IRI changed from lex\_sp-defs-231220:TC\_label to lex\_sp-defs-240117:TECHNICAL--COMMITTEE\_acronym, Label:"TMS" : IRI changed from lex\_sp-defs-231220:TMS\_label to lex\_sp-defs-240117:TRAFFIC--MANAGEMENT--SYSTEM\_acronym, Label:"TWG" : IRI changed from lex\_sp-defs-231220:TWG\_label to lex\_sp-defs-240117:TOPICAL--WORKING--GROUP\_acronym, Label:"UIC" : IRI changed from lex\_sp-defs-231220:UIC\_label to lex\_sp-defs-240117:INTERNATIONAL--UNION--OF--RAILWAYS\_abbrev, Label:"UIP" : IRI changed from lex\_sp-defs-231220:UIP\_label to lex\_sp-defs-240117:INTERNATIONAL--UNION--OF--WAGON--KEEPERS\_abbrev, Label:"UITP" : IRI changed from lex\_sp-defs-231220:UITP\_label to lex\_sp-defs-240117:INTERNATIONAL--ASSOCIATION--OF--PUBLIC--TRANSPORT\_abbrev, Label:"UNIFE" : IRI changed from lex\_sp-defs-231220:UNIFE\_label to lex\_sp-defs-240117:UNION--DES--INDUSTRIES--FERROVIAIRES--EUROPEENNES\_abbrev, Label:"UNISIG" : IRI changed from lex\_sp-defs-231220:UNISIG\_label to lex\_sp-defs-240117:UNION--INDUSTRY--OF--SIGNALLING\_abbrev, Label:"UNITEL" : IRI changed from lex\_sp-defs-231220:UNITEL\_label to lex\_sp-defs-240117:UNION--INDUSTRY--OF--TELECOMMUNICATIONS\_abbrev

### 14 ontolex:LexicalEntry MODIFIED from lex\_sp-defs-231220:

"(System) Actor", "Application Condition.", BB, "Building block", CMS, Definition., ERJU, FRMCS, "Operational capability", SRAC., Switch, TMS, "Work Item", sw

## ontolex:Form entities

### 930 ontolex:Form in lex\_sp-defs-240117:

### 173 ontolex:Form NEW from lex\_sp-defs-231220:

ALLOCATION--BODY\_lexForm, ALLOCATION--BODY\_lexForm\_2, ARCHITECTURE--AND--RELEASE--COORDINATION--TEAM\_lexForm, ARCHITECTURE--AND--RELEASE--COORDINATION--TEAM\_lexForm\_2, ARCHITECTURE--WORKING--CIRCLE\_lexForm, ARCHITECTURE--WORKING--CIRCLE\_lexForm\_2, CAPACITY--MANAGEMENT--SYSTEM\_lexForm\_3, CHANGE--REQUEST\_lexForm\_2, COMMON--BUSINESS--OBJECTIVE\_lexForm\_2, COMMON--INSTANCE\_lexForm, COMMON--INSTANCE\_lexForm\_2, COMMON--INTERFACE\_lexForm, COMMON--INTERFACE\_lexForm\_2, COMMUNITY--OF--EUROPEAN--RAILWAY--AND--INFRASTRUCTURE--COMPANIES\_lexForm, COMMUNITY--OF--EUROPEAN--RAILWAY--AND--INFRASTRUCTURE--COMPANIES\_lexForm\_2, CONCEPT--HOW--TO--USE--THE--SYSTEM\_lexForm, CONCEPT--HOW--TO--USE--THE--SYSTEM\_lexForm\_2, CONCEPT--OF--EMPLOYMENT\_lexForm, CONCEPT--OF--EMPLOYMENT\_lexForm\_2, CONCEPT--OF--OPERATIONS\_lexForm, CONCEPT--OF--OPERATIONS\_lexForm\_2, CONTROL-COMMAND--AND--SIGNALLING\_lexForm, CONTROL-COMMAND--AND--SIGNALLING\_lexForm\_2, COST--BENEFIT--ANALYSIS\_lexForm, 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EUROPEAN--CAPACITY--MANAGEMENT--TOOL\_lexForm\_2, EUROPEAN--COMMISSION\_lexForm, EUROPEAN--COMMISSION\_lexForm\_2, EUROPEAN--COMMITTEE--FOR--ELECTROTECHNICAL--STANDARDIZATION\_lexForm, EUROPEAN--COMMITTEE--FOR--ELECTROTECHNICAL--STANDARDIZATION\_lexForm\_2, EUROPEAN--COMMITTEE--FOR--STANDARDIZATION\_lexForm, EUROPEAN--COMMITTEE--FOR--STANDARDIZATION\_lexForm\_2, EUROPEAN--DAC--DELIVERY--PROGRAM\_lexForm, EUROPEAN--DAC--DELIVERY--PROGRAM\_lexForm\_2, EUROPEAN--PASSENGERS\_--FEDERATION\_lexForm, EUROPEAN--PASSENGERS\_--FEDERATION\_lexForm\_2, EUROPEAN--RAIL--INFRASTRUCTURE--MANAGERS\_lexForm, EUROPEAN--RAIL--INFRASTRUCTURE--MANAGERS\_lexForm\_2, EUROPEAN--RAIL--RESEARCH--ADVISORY--COUNCIL\_lexForm, EUROPEAN--RAIL--RESEARCH--ADVISORY--COUNCIL\_lexForm\_2, EUROPEAN--RAIL--TRAFFIC--MANAGEMENT--SYSTEM\_lexForm, EUROPEAN--RAIL--TRAFFIC--MANAGEMENT--SYSTEM\_lexForm\_2, EUROPEAN--SECURITIES--COMMITTEE\_lexForm, EUROPEAN--SECURITIES--COMMITTEE\_lexForm\_2, EUROPEAN--SPACE--AGENCY\_lexForm, EUROPEAN--SPACE--AGENCY\_lexForm\_2, EUROPEAN--STANDARDIZATION--ORGANIZATION\_lexForm, EUROPEAN--STANDARDIZATION--ORGANIZATION\_lexForm\_2, EUROPEAN--TELECOMMUNICATIONS--STANDARDS--INSTITUTE\_lexForm, EUROPEAN--TELECOMMUNICATIONS--STANDARDS--INSTITUTE\_lexForm\_2, EUROPEAN--TRANSPORT--WORKERS\_--FEDERATION\_lexForm, EUROPEAN--TRANSPORT--WORKERS\_--FEDERATION\_lexForm\_2, EUROPEAN--UNION--AGENCY--FOR--CYBERSECURITY\_lexForm, EUROPEAN--UNION--AGENCY--FOR--CYBERSECURITY\_lexForm\_2, EUROPEAN--UNION--AGENCY--FOR--RAILWAYS\_lexForm, EUROPEAN--UNION--AGENCY--FOR--RAILWAYS\_lexForm\_2, EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexForm\_3, EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexForm\_4, FLAGSHIP--AREA\_lexForm, FLAGSHIP--AREA\_lexForm\_2, FORM--FIT--FUNCTION--INTERFACE--SPECIFICATION\_lexForm, FORM--FIT--FUNCTION--INTERFACE--SPECIFICATION\_lexForm\_2, FOUNDING--MEMBERS\_lexForm, FOUNDING--MEMBERS\_lexForm\_2, FULL--DIGITAL--FREIGHT--TRAIN--OPERATIONS\_lexForm, FULL--DIGITAL--FREIGHT--TRAIN--OPERATIONS\_lexForm\_2, FULL--TIME--EQUIVALENT\_lexForm, FULL--TIME--EQUIVALENT\_lexForm\_2, FUNCTIONAL--INTERFACE--SPECIFICATION\_lexForm, FUNCTIONAL--INTERFACE--SPECIFICATION\_lexForm\_2, FUNCTIONAL--REQUIREMENT--SPECIFICATION\_FUNCTIONAL--INTERFACE--SPECIFICATION\_lexForm, FUNCTIONAL--REQUIREMENT--SPECIFICATION\_FUNCTIONAL--INTERFACE--SPECIFICATION\_lexForm\_2, FUNCTIONAL--REQUIREMENTS--SPECIFICATION\_lexForm, FUNCTIONAL--REQUIREMENTS--SPECIFICATION\_lexForm\_2, FUTURE--RAILWAY--MOBILE--COMMUNICATION--SYSTEM\_lexForm\_3, GRAPHICAL--USER--INTERFACE\_lexForm, GRAPHICAL--USER--INTERFACE\_lexForm\_2, HOLISTIC--REQUIREMENTS--MODEL\_lexForm, HOLISTIC--REQUIREMENTS--MODEL\_lexForm\_2, INNOVATION--PILLAR--SYSTEM--EXPERTS\_lexForm, INNOVATION--PILLAR--SYSTEM--EXPERTS\_lexForm\_2, INTERNATIONAL--ASSOCIATION--OF--PUBLIC--TRANSPORT\_lexForm, INTERNATIONAL--ASSOCIATION--OF--PUBLIC--TRANSPORT\_lexForm\_2, INTERNATIONAL--COUNCIL--ON--SYSTEMS--ENGINEERING\_lexForm, INTERNATIONAL--COUNCIL--ON--SYSTEMS--ENGINEERING\_lexForm\_2, INTERNATIONAL--ELECTROTECHNICAL--COMMISSION\_lexForm, INTERNATIONAL--ELECTROTECHNICAL--COMMISSION\_lexForm\_2, INTERNATIONAL--ORGANIZATION--FOR--STANDARDIZATION\_lexForm, INTERNATIONAL--ORGANIZATION--FOR--STANDARDIZATION\_lexForm\_2, INTERNATIONAL--UNION--OF--RAILWAYS\_lexForm, INTERNATIONAL--UNION--OF--RAILWAYS\_lexForm\_2, INTERNATIONAL--UNION--OF--WAGON--KEEPERS\_lexForm, INTERNATIONAL--UNION--OF--WAGON--KEEPERS\_lexForm\_2, MEAN--TIME--BETWEEN--FAILURE\_lexForm, MEAN--TIME--BETWEEN--FAILURE\_lexForm\_2, MODEL--BASED--SYSTEM--ENGINEERING\_lexForm, MODEL--BASED--SYSTEM--ENGINEERING\_lexForm\_2, NATIONAL--SAFETY--AUTHORITY\_lexForm, NATIONAL--SAFETY--AUTHORITY\_lexForm\_2, NOTIFIED--BODIES--FOR--INTEROPERABILITY--IN--THE--RAILWAY--SECTOR\_lexForm, NOTIFIED--BODIES--FOR--INTEROPERABILITY--IN--THE--RAILWAY--SECTOR\_lexForm\_2, OPEN--SYSTEM--INTERACTION--MODEL\_lexForm, OPEN--SYSTEM--INTERACTION--MODEL\_lexForm\_2, OPERATIONAL--CONCEPTS\_lexForm\_2, OPERATIONAL--HARMONIZATION--TEAM\_lexForm, OPERATIONAL--HARMONIZATION--TEAM\_lexForm\_2, PATH--COORDINATION--SYSTEM\_lexForm, PATH--COORDINATION--SYSTEM\_lexForm\_2, PERFORMANCE--RELIABILITY--AVAILABILITY--MAINTAINABILITY--SAFETY--AND--SECURITY\_lexForm, PERFORMANCE--RELIABILITY--AVAILABILITY--MAINTAINABILITY--SAFETY--AND--SECURITY\_lexForm\_2, PRAMSS--MANAGEMENT--AND--ASSURANCE--TEAM\_lexForm, PRAMSS--MANAGEMENT--AND--ASSURANCE--TEAM\_lexForm\_2, PROJECT--MANAGEMENT--OFFICE\_lexForm, PROJECT--MANAGEMENT--OFFICE\_lexForm\_2, RAIL--NET--EUROPE\_lexForm, RAIL--NET--EUROPE\_lexForm\_2, RAIL--STANDARDISATION--COORDINATION--PLATFORM--FOR--EUROPE\_lexForm, RAIL--STANDARDISATION--COORDINATION--PLATFORM--FOR--EUROPE\_lexForm\_2, RAILWAY--INFRASTRUCTURE--MANAGER\_lexForm, RAILWAY--INFRASTRUCTURE--MANAGER\_lexForm\_2, RAILWAY--INFRASTRUCTURE--SYSTEM\_lexForm, RAILWAY--INFRASTRUCTURE--SYSTEM\_lexForm\_2, RAILWAY--OPERATING--COMPANY\_lexForm, RAILWAY--OPERATING--COMPANY\_lexForm\_2, SYSTEM--ENGINEERING--MANAGEMENT--PLAN\_lexForm, SYSTEM--ENGINEERING--MANAGEMENT--PLAN\_lexForm\_2, SYSTEM--PILLAR--COREGROUP\_lexForm, SYSTEM--PILLAR--COREGROUP\_lexForm\_2, SYSTEM--PILLAR--DOMAIN--TEAM\_lexForm, SYSTEM--PILLAR--DOMAIN--TEAM\_lexForm\_2, SYSTEM--PILLAR--STEERING--GROUP\_lexForm\_2, SYSTEM--REQUIREMENTS--SPECIFICATION\_lexForm, SYSTEM--REQUIREMENTS--SPECIFICATION\_lexForm\_2, TECHNICAL--COMMITTEE\_lexForm, TECHNICAL--COMMITTEE\_lexForm\_2, TECHNICAL--SPECIFICATION--FOR--INTEROPERABILITY--RELATING--TO--TELEMATICS\_lexForm, TECHNICAL--SPECIFICATION--FOR--INTEROPERABILITY--RELATING--TO--TELEMATICS\_lexForm\_2, TECHNICAL--SPECIFICATIONS--FOR--INTEROPERABILITY\_lexForm, TECHNICAL--SPECIFICATIONS--FOR--INTEROPERABILITY\_lexForm\_2, TELEMATICS--APPLICATIONS--FOR--FREIGHT\_PASSENGER--SERVICES\_lexForm, TELEMATICS--APPLICATIONS--FOR--FREIGHT\_PASSENGER--SERVICES\_lexForm\_2, TEMPORARY--CAPACITY--RESTRICTION\_lexForm, TEMPORARY--CAPACITY--RESTRICTION\_lexForm\_2, TOPICAL--WORKING--GROUP\_lexForm, TOPICAL--WORKING--GROUP\_lexForm\_2, TRAFFIC--MANAGEMENT--SYSTEM\_lexForm\_5, TRAFFIC--MANAGEMENT--SYSTEM\_lexForm\_6, UNION--DES--INDUSTRIES--FERROVIAIRES--EUROPEENNES\_lexForm, UNION--DES--INDUSTRIES--FERROVIAIRES--EUROPEENNES\_lexForm\_2, UNION--INDUSTRY--OF--SIGNALLING\_lexForm, UNION--INDUSTRY--OF--SIGNALLING\_lexForm\_2, UNION--INDUSTRY--OF--TELECOMMUNICATIONS\_lexForm, UNION--INDUSTRY--OF--TELECOMMUNICATIONS\_lexForm\_2

### 86 ontolex:Form REMOVED from lex\_sp-defs-231220:

AB--ALLOCATION--BODY\_lexForm, ARCT\_lexForm, AWC\_lexForm, CBA\_lexForm, CBO\_lexForm, CCS\_lexForm, CENELEC\_lexForm, CEN\_lexForm, CER\_lexForm, CI--COMMON--INTERFACE\_lexForm, CMS--CAPACITY--MANAGEMENT--SYSTEM\_lexForm, COM\_lexForm, CONEMP\_lexForm, CONOPS\_lexForm, CONUSE\_lexForm, CR\_lexForm, DAC\_lexForm, DCM--DIGITAL--CAPACITY--MANAGEMENT\_lexForm, DG--MOVE\_lexForm, DG--RTD\_lexForm, EARS\_lexForm, ECMT--EUROPEAN--CAPACITY--MANAGEMENT--TOOL\_lexForm, EDDP\_lexForm, EECT\_lexForm, EIM\_lexForm, ENISA\_lexForm, EPF\_lexForm, ERA\_lexForm, ERJU\_lexForm, ERJU\_lexForm\_2, ERRAC\_lexForm, ERTMS\_lexForm, ESA\_lexForm, ESC\_lexForm, ESO\_lexForm, ETA--ESTIMATED--TIME--OF--ARRIVAL\_lexForm, ETF\_lexForm, ETSI\_lexForm, EUG\_lexForm, EUSPA\_lexForm, FA\_lexForm, FDFTO\_lexForm, FIS\_lexForm, FM\_lexForm, FRMCS\_lexForm, FRS\_FIS\_lexForm, FRS\_lexForm, FTE\_lexForm, GUI--GRAPHICAL--USER--INTERFACE\_lexForm, HRM\_lexForm, IEC\_lexForm, INCOSE\_lexForm, IPSE\_lexForm, ISO\_lexForm, JU\_lexForm, MBSE\_lexForm, NB-RAIL\_lexForm, OHT\_lexForm, OPSCON\_lexForm, OSI--LAYER\_lexForm, PCS--PATH--COORDINATION--SYSTEM\_lexForm, PMAT\_lexForm, PMO\_lexForm, PRAMSS\_lexForm, RASCOP\_lexForm, RIM--RAILWAY--INFRASTRUCTURE--MANAGER\_lexForm, RIS--RAILWAY--INFRASTRUCTURE--SYSTEM\_lexForm, RNE\_lexForm, ROC--RAILWAY--OPERATING--COMPANY\_lexForm, SEMP\_lexForm, SPC\_lexForm, SPDT\_lexForm, SPSG\_lexForm, TAF\_TAP--TSI--TECHNICAL--SPECIFICATION--FOR--INTEROPERABILITY--RELATING--TO--TELEMATICS\_lexForm, TAF\_TAP\_lexForm, TCR--TEMPORARY--CAPACITY--RESTRICTION\_lexForm, TC\_lexForm, TMS--TRAFFIC--MANAGEMENT--SYSTEM\_lexForm, TMS\_lexForm, TWG\_lexForm, UIC\_lexForm, UIP\_lexForm, UITP\_lexForm, UNIFE\_lexForm, UNISIG\_lexForm, UNITEL\_lexForm

### 8 ontolex:Form MODIFIED from lex\_sp-defs-231220:

APPLICATION--CONDITION\_lexForm, BUILDING--BLOCK\_lexForm, DEFINITION\_lexForm, OPERATIONAL--CAPABILITY\_lexForm, SRAC\_lexForm, SWITCH\_lexForm, SYSTEM--ACTOR\_lexForm, WORK--ITEM\_lexForm

## ontolex:LexicalSense entities

### 735 ontolex:LexicalSense in lex\_sp-defs-240117:

### 82 ontolex:LexicalSense NEW from lex\_sp-defs-231220:

ALLOCATION--BODY\_lexSense, ARCHITECTURE--AND--RELEASE--COORDINATION--TEAM\_lexSense, ARCHITECTURE--WORKING--CIRCLE\_lexSense, COMMON--INSTANCE\_lexSense, COMMON--INTERFACE\_lexSense, COMMUNITY--OF--EUROPEAN--RAILWAY--AND--INFRASTRUCTURE--COMPANIES\_lexSense, CONCEPT--HOW--TO--USE--THE--SYSTEM\_lexSense, CONCEPT--OF--EMPLOYMENT\_lexSense, CONCEPT--OF--OPERATIONS\_lexSense, CONTROL-COMMAND--AND--SIGNALLING\_lexSense, COST--BENEFIT--ANALYSIS\_lexSense, DIGITAL--AUTOMATED--COUPLING\_lexSense, DIGITAL--CAPACITY--MANAGEMENT\_lexSense, DIRECTORATE-GENERAL--FOR--MOBILITY--AND--TRANSPORT\_lexSense, DIRECTORATE-GENERAL--FOR--RESEARCH--AND--INNOVATION\_lexSense, DRIVEABILITY--OR--DRIVABILITY\_lexSense, EASY--APPROACH--TO--REQUIREMENTS--SYNTAX\_lexSense, ERA--EXTENDED--CORE--TEAM\_lexSense, ERTMS--USERS--GROUP\_lexSense, ESTIMATED--TIME--OF--ARRIVAL\_lexSense, EU--AGENCY--FOR--THE--SPACE--PROGRAMME\_lexSense, EUROPEAN--CAPACITY--MANAGEMENT--TOOL\_lexSense, EUROPEAN--COMMISSION\_lexSense, EUROPEAN--COMMITTEE--FOR--ELECTROTECHNICAL--STANDARDIZATION\_lexSense, EUROPEAN--COMMITTEE--FOR--STANDARDIZATION\_lexSense, EUROPEAN--DAC--DELIVERY--PROGRAM\_lexSense, EUROPEAN--PASSENGERS\_--FEDERATION\_lexSense, EUROPEAN--RAIL--INFRASTRUCTURE--MANAGERS\_lexSense, EUROPEAN--RAIL--RESEARCH--ADVISORY--COUNCIL\_lexSense, EUROPEAN--RAIL--TRAFFIC--MANAGEMENT--SYSTEM\_lexSense, EUROPEAN--SECURITIES--COMMITTEE\_lexSense, EUROPEAN--SPACE--AGENCY\_lexSense, EUROPEAN--STANDARDIZATION--ORGANIZATION\_lexSense, EUROPEAN--TELECOMMUNICATIONS--STANDARDS--INSTITUTE\_lexSense, EUROPEAN--TRANSPORT--WORKERS\_--FEDERATION\_lexSense, EUROPEAN--UNION--AGENCY--FOR--CYBERSECURITY\_lexSense, EUROPEAN--UNION--AGENCY--FOR--RAILWAYS\_lexSense, FLAGSHIP--AREA\_lexSense, FORM--FIT--FUNCTION--INTERFACE--SPECIFICATION\_lexSense, FOUNDING--MEMBERS\_lexSense, FULL--DIGITAL--FREIGHT--TRAIN--OPERATIONS\_lexSense, FULL--TIME--EQUIVALENT\_lexSense, FUNCTIONAL--INTERFACE--SPECIFICATION\_lexSense, FUNCTIONAL--REQUIREMENT--SPECIFICATION\_FUNCTIONAL--INTERFACE--SPECIFICATION\_lexSense, FUNCTIONAL--REQUIREMENTS--SPECIFICATION\_lexSense, GRAPHICAL--USER--INTERFACE\_lexSense, HOLISTIC--REQUIREMENTS--MODEL\_lexSense, INNOVATION--PILLAR--SYSTEM--EXPERTS\_lexSense, INTERNATIONAL--ASSOCIATION--OF--PUBLIC--TRANSPORT\_lexSense, INTERNATIONAL--COUNCIL--ON--SYSTEMS--ENGINEERING\_lexSense, INTERNATIONAL--ELECTROTECHNICAL--COMMISSION\_lexSense, INTERNATIONAL--ORGANIZATION--FOR--STANDARDIZATION\_lexSense, INTERNATIONAL--UNION--OF--RAILWAYS\_lexSense, INTERNATIONAL--UNION--OF--WAGON--KEEPERS\_lexSense, MEAN--TIME--BETWEEN--FAILURE\_lexSense, MODEL--BASED--SYSTEM--ENGINEERING\_lexSense, NATIONAL--SAFETY--AUTHORITY\_lexSense, NOTIFIED--BODIES--FOR--INTEROPERABILITY--IN--THE--RAILWAY--SECTOR\_lexSense, OPEN--SYSTEM--INTERACTION--MODEL\_lexSense, OPERATIONAL--HARMONIZATION--TEAM\_lexSense, PATH--COORDINATION--SYSTEM\_lexSense, PERFORMANCE--RELIABILITY--AVAILABILITY--MAINTAINABILITY--SAFETY--AND--SECURITY\_lexSense, PRAMSS--MANAGEMENT--AND--ASSURANCE--TEAM\_lexSense, PROJECT--MANAGEMENT--OFFICE\_lexSense, RAIL--NET--EUROPE\_lexSense, RAIL--STANDARDISATION--COORDINATION--PLATFORM--FOR--EUROPE\_lexSense, RAILWAY--INFRASTRUCTURE--MANAGER\_lexSense, RAILWAY--INFRASTRUCTURE--SYSTEM\_lexSense, RAILWAY--OPERATING--COMPANY\_lexSense, SYSTEM--ENGINEERING--MANAGEMENT--PLAN\_lexSense, SYSTEM--PILLAR--COREGROUP\_lexSense, SYSTEM--PILLAR--DOMAIN--TEAM\_lexSense, SYSTEM--REQUIREMENTS--SPECIFICATION\_lexSense, TECHNICAL--COMMITTEE\_lexSense, TECHNICAL--SPECIFICATION--FOR--INTEROPERABILITY--RELATING--TO--TELEMATICS\_lexSense, TECHNICAL--SPECIFICATIONS--FOR--INTEROPERABILITY\_lexSense, TELEMATICS--APPLICATIONS--FOR--FREIGHT\_PASSENGER--SERVICES\_lexSense, TEMPORARY--CAPACITY--RESTRICTION\_lexSense, TOPICAL--WORKING--GROUP\_lexSense, UNION--DES--INDUSTRIES--FERROVIAIRES--EUROPEENNES\_lexSense, UNION--INDUSTRY--OF--SIGNALLING\_lexSense, UNION--INDUSTRY--OF--TELECOMMUNICATIONS\_lexSense

### 85 ontolex:LexicalSense REMOVED from lex\_sp-defs-231220:

AB--ALLOCATION--BODY\_lexSense, ARCT\_lexSense, AWC\_lexSense, CBA\_lexSense, CBO\_lexSense, CCS\_lexSense, CENELEC\_lexSense, CEN\_lexSense, CER\_lexSense, CI--COMMON--INTERFACE\_lexSense, CMS--CAPACITY--MANAGEMENT--SYSTEM\_lexSense, COM\_lexSense, CONEMP\_lexSense, CONOPS\_lexSense, CONUSE\_lexSense, CR\_lexSense, DAC\_lexSense, DCM--DIGITAL--CAPACITY--MANAGEMENT\_lexSense, DG--MOVE\_lexSense, DG--RTD\_lexSense, EARS\_lexSense, ECMT--EUROPEAN--CAPACITY--MANAGEMENT--TOOL\_lexSense, EDDP\_lexSense, EECT\_lexSense, EIM\_lexSense, ENISA\_lexSense, EPF\_lexSense, ERA\_lexSense, ERJU\_lexSense, ERRAC\_lexSense, ERTMS\_lexSense, ESA\_lexSense, ESC\_lexSense, ESO\_lexSense, ETA--ESTIMATED--TIME--OF--ARRIVAL\_lexSense, ETF\_lexSense, ETSI\_lexSense, EUG\_lexSense, EUSPA\_lexSense, FA\_lexSense, FDFTO\_lexSense, FIS\_lexSense, FM\_lexSense, FRMCS\_lexSense, FRS\_FIS\_lexSense, FRS\_lexSense, FTE\_lexSense, GUI--GRAPHICAL--USER--INTERFACE\_lexSense, HRM\_lexSense, IEC\_lexSense, INCOSE\_lexSense, IPSE\_lexSense, ISO\_lexSense, JU\_lexSense, MBSE\_lexSense, NB-RAIL\_lexSense, OHT\_lexSense, OPSCON\_lexSense, OSI--LAYER\_lexSense, PCS--PATH--COORDINATION--SYSTEM\_lexSense, PMAT\_lexSense, PMO\_lexSense, PRAMSS\_lexSense, RASCOP\_lexSense, RIM--RAILWAY--INFRASTRUCTURE--MANAGER\_lexSense, RIS--RAILWAY--INFRASTRUCTURE--SYSTEM\_lexSense, RNE\_lexSense, ROC--RAILWAY--OPERATING--COMPANY\_lexSense, SEMP\_lexSense, SPC\_lexSense, SPDT\_lexSense, SPSG\_lexSense, TAF\_TAP--TSI--TECHNICAL--SPECIFICATION--FOR--INTEROPERABILITY--RELATING--TO--TELEMATICS\_lexSense, TAF\_TAP\_lexSense, TCR--TEMPORARY--CAPACITY--RESTRICTION\_lexSense, TC\_lexSense, TMS--TRAFFIC--MANAGEMENT--SYSTEM\_lexSense, TMS\_lexSense, TWG\_lexSense, UIC\_lexSense, UIP\_lexSense, UITP\_lexSense, UNIFE\_lexSense, UNISIG\_lexSense, UNITEL\_lexSense

### 14 ontolex:LexicalSense MODIFIED from lex\_sp-defs-231220:

CAPACITY--MANAGEMENT--SYSTEM\_lexSense, CHANGE--REQUEST\_lexSense, COMMON--BUSINESS--OBJECTIVE\_lexSense, EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexSense, FFFIS\_lexSense, FUTURE--RAILWAY--MOBILE--COMMUNICATION--SYSTEM\_lexSense, MTBF\_lexSense, NSA\_lexSense, OPERATIONAL--CONCEPTS\_lexSense, SRS\_lexSense, SYSTEM--PILLAR--STEERING--GROUP\_lexSense, TOOL\_lexSense, TRAFFIC--MANAGEMENT--SYSTEM\_lexSense, TSI\_lexSense

## ontolex:LexicalConcept entities

### 803 ontolex:LexicalConcept in lex\_sp-defs-240117:

### 93 ontolex:LexicalConcept NEW from lex\_sp-defs-231220:

ALLOCATION--BODY\_lexConcept, ARCHITECTURE--AND--RELEASE--COORDINATION--TEAM\_lexConcept, ARCHITECTURE--WORKING--CIRCLE\_lexConcept, CAPACITY--MANAGEMENT--SYSTEM\_lexConcept\_2, CHANGE--REQUEST\_lexConcept\_2, COMMON--BUSINESS--OBJECTIVE\_lexConcept\_2, COMMON--INSTANCE\_lexConcept, COMMON--INTERFACE\_lexConcept, COMMUNITY--OF--EUROPEAN--RAILWAY--AND--INFRASTRUCTURE--COMPANIES\_lexConcept, CONCEPT--HOW--TO--USE--THE--SYSTEM\_lexConcept, CONCEPT--OF--EMPLOYMENT\_lexConcept, CONCEPT--OF--OPERATIONS\_lexConcept, CONTROL-COMMAND--AND--SIGNALLING\_lexConcept, COST--BENEFIT--ANALYSIS\_lexConcept, DIGITAL--AUTOMATED--COUPLING\_lexConcept, DIGITAL--CAPACITY--MANAGEMENT\_lexConcept, DIRECTORATE-GENERAL--FOR--MOBILITY--AND--TRANSPORT\_lexConcept, DIRECTORATE-GENERAL--FOR--RESEARCH--AND--INNOVATION\_lexConcept, DRIVEABILITY--OR--DRIVABILITY\_lexConcept, EASY--APPROACH--TO--REQUIREMENTS--SYNTAX\_lexConcept, ERA--EXTENDED--CORE--TEAM\_lexConcept, ERTMS--USERS--GROUP\_lexConcept, ESTIMATED--TIME--OF--ARRIVAL\_lexConcept, EU--AGENCY--FOR--THE--SPACE--PROGRAMME\_lexConcept, EUROPEAN--CAPACITY--MANAGEMENT--TOOL\_lexConcept, EUROPEAN--COMMISSION\_lexConcept, EUROPEAN--COMMITTEE--FOR--ELECTROTECHNICAL--STANDARDIZATION\_lexConcept, EUROPEAN--COMMITTEE--FOR--STANDARDIZATION\_lexConcept, EUROPEAN--DAC--DELIVERY--PROGRAM\_lexConcept, EUROPEAN--PASSENGERS\_--FEDERATION\_lexConcept, EUROPEAN--RAIL--INFRASTRUCTURE--MANAGERS\_lexConcept, EUROPEAN--RAIL--RESEARCH--ADVISORY--COUNCIL\_lexConcept, EUROPEAN--RAIL--TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept, EUROPEAN--SECURITIES--COMMITTEE\_lexConcept, EUROPEAN--SPACE--AGENCY\_lexConcept, EUROPEAN--STANDARDIZATION--ORGANIZATION\_lexConcept, EUROPEAN--TELECOMMUNICATIONS--STANDARDS--INSTITUTE\_lexConcept, EUROPEAN--TRANSPORT--WORKERS\_--FEDERATION\_lexConcept, EUROPEAN--UNION--AGENCY--FOR--CYBERSECURITY\_lexConcept, EUROPEAN--UNION--AGENCY--FOR--RAILWAYS\_lexConcept, EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexConcept\_2, EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexConcept\_3, FLAGSHIP--AREA\_lexConcept, FORM--FIT--FUNCTION--INTERFACE--SPECIFICATION\_lexConcept, FOUNDING--MEMBERS\_lexConcept, FULL--DIGITAL--FREIGHT--TRAIN--OPERATIONS\_lexConcept, FULL--TIME--EQUIVALENT\_lexConcept, FUNCTIONAL--INTERFACE--SPECIFICATION\_lexConcept, FUNCTIONAL--REQUIREMENT--SPECIFICATION\_FUNCTIONAL--INTERFACE--SPECIFICATION\_lexConcept, FUNCTIONAL--REQUIREMENTS--SPECIFICATION\_lexConcept, FUTURE--RAILWAY--MOBILE--COMMUNICATION--SYSTEM\_lexConcept\_2, GRAPHICAL--USER--INTERFACE\_lexConcept, HOLISTIC--REQUIREMENTS--MODEL\_lexConcept, INNOVATION--PILLAR--SYSTEM--EXPERTS\_lexConcept, INTERNATIONAL--ASSOCIATION--OF--PUBLIC--TRANSPORT\_lexConcept, INTERNATIONAL--COUNCIL--ON--SYSTEMS--ENGINEERING\_lexConcept, INTERNATIONAL--ELECTROTECHNICAL--COMMISSION\_lexConcept, INTERNATIONAL--ORGANIZATION--FOR--STANDARDIZATION\_lexConcept, INTERNATIONAL--UNION--OF--RAILWAYS\_lexConcept, INTERNATIONAL--UNION--OF--WAGON--KEEPERS\_lexConcept, MEAN--TIME--BETWEEN--FAILURE\_lexConcept, MODEL--BASED--SYSTEM--ENGINEERING\_lexConcept, NATIONAL--SAFETY--AUTHORITY\_lexConcept, NOTIFIED--BODIES--FOR--INTEROPERABILITY--IN--THE--RAILWAY--SECTOR\_lexConcept, OPEN--SYSTEM--INTERACTION--MODEL\_lexConcept, OPERATIONAL--CONCEPTS\_lexConcept\_2, OPERATIONAL--HARMONIZATION--TEAM\_lexConcept, PATH--COORDINATION--SYSTEM\_lexConcept, PERFORMANCE--RELIABILITY--AVAILABILITY--MAINTAINABILITY--SAFETY--AND--SECURITY\_lexConcept, PRAMSS--MANAGEMENT--AND--ASSURANCE--TEAM\_lexConcept, PROJECT--MANAGEMENT--OFFICE\_lexConcept, RAIL--NET--EUROPE\_lexConcept, RAIL--STANDARDISATION--COORDINATION--PLATFORM--FOR--EUROPE\_lexConcept, RAILWAY--INFRASTRUCTURE--MANAGER\_lexConcept, RAILWAY--INFRASTRUCTURE--SYSTEM\_lexConcept, RAILWAY--OPERATING--COMPANY\_lexConcept, SYSTEM--ENGINEERING--MANAGEMENT--PLAN\_lexConcept, SYSTEM--PILLAR--COREGROUP\_lexConcept, SYSTEM--PILLAR--DOMAIN--TEAM\_lexConcept, SYSTEM--PILLAR--STEERING--GROUP\_lexConcept\_2, SYSTEM--REQUIREMENTS--SPECIFICATION\_lexConcept, TECHNICAL--COMMITTEE\_lexConcept, TECHNICAL--SPECIFICATION--FOR--INTEROPERABILITY--RELATING--TO--TELEMATICS\_lexConcept, TECHNICAL--SPECIFICATIONS--FOR--INTEROPERABILITY\_lexConcept, TELEMATICS--APPLICATIONS--FOR--FREIGHT\_PASSENGER--SERVICES\_lexConcept, TEMPORARY--CAPACITY--RESTRICTION\_lexConcept, TOOL\_lexConcept\_2, TOPICAL--WORKING--GROUP\_lexConcept, TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept\_4, TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept\_5, UNION--DES--INDUSTRIES--FERROVIAIRES--EUROPEENNES\_lexConcept, UNION--INDUSTRY--OF--SIGNALLING\_lexConcept, UNION--INDUSTRY--OF--TELECOMMUNICATIONS\_lexConcept

### 90 ontolex:LexicalConcept REMOVED from lex\_sp-defs-231220:

AB--ALLOCATION--BODY\_lexConcept, ARCT\_lexConcept, AWC\_lexConcept, CBA\_lexConcept, CBO\_lexConcept, CCS\_lexConcept, CENELEC\_lexConcept, CEN\_lexConcept, CER\_lexConcept, CI--COMMON--INTERFACE\_lexConcept, CMS--CAPACITY--MANAGEMENT--SYSTEM\_lexConcept, COM\_lexConcept, CONEMP\_lexConcept, CONOPS\_lexConcept, CONUSE\_lexConcept, CR\_lexConcept, DAC\_lexConcept, DCM--DIGITAL--CAPACITY--MANAGEMENT\_lexConcept, DG--MOVE\_lexConcept, DG--RTD\_lexConcept, EARS\_lexConcept, ECMT--EUROPEAN--CAPACITY--MANAGEMENT--TOOL\_lexConcept, EDDP\_lexConcept, EECT\_lexConcept, EIM\_lexConcept, ENISA\_lexConcept, EPF\_lexConcept, ERA\_lexConcept, ERJU\_lexConcept, ERRAC\_lexConcept, ERTMS\_lexConcept, ESA\_lexConcept, ESC\_lexConcept, ESO\_lexConcept, ETA--ESTIMATED--TIME--OF--ARRIVAL\_lexConcept, ETF\_lexConcept, ETSI\_lexConcept, EUG\_lexConcept, EUSPA\_lexConcept, FA\_lexConcept, FDFTO\_lexConcept, FFFIS\_lexConcept\_2, FIS\_lexConcept, FM\_lexConcept, FRMCS\_lexConcept, FRS\_FIS\_lexConcept, FRS\_lexConcept, FTE\_lexConcept, GUI--GRAPHICAL--USER--INTERFACE\_lexConcept, HRM\_lexConcept, IEC\_lexConcept, INCOSE\_lexConcept, IPSE\_lexConcept, ISO\_lexConcept, JU\_lexConcept, MBSE\_lexConcept, MTBF\_lexConcept\_2, NB-RAIL\_lexConcept, NSA\_lexConcept\_2, OHT\_lexConcept, OPSCON\_lexConcept, OSI--LAYER\_lexConcept, PCS--PATH--COORDINATION--SYSTEM\_lexConcept, PMAT\_lexConcept, PMO\_lexConcept, PRAMSS\_lexConcept, RASCOP\_lexConcept, RIM--RAILWAY--INFRASTRUCTURE--MANAGER\_lexConcept, RIS--RAILWAY--INFRASTRUCTURE--SYSTEM\_lexConcept, RNE\_lexConcept, ROC--RAILWAY--OPERATING--COMPANY\_lexConcept, SEMP\_lexConcept, SPC\_lexConcept, SPDT\_lexConcept, SPSG\_lexConcept, SRS\_lexConcept\_2, TAF\_TAP--TSI--TECHNICAL--SPECIFICATION--FOR--INTEROPERABILITY--RELATING--TO--TELEMATICS\_lexConcept, TAF\_TAP\_lexConcept, TCR--TEMPORARY--CAPACITY--RESTRICTION\_lexConcept, TC\_lexConcept, TMS--TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept, TMS\_lexConcept, TSI\_lexConcept\_2, TWG\_lexConcept, UIC\_lexConcept, UIP\_lexConcept, UITP\_lexConcept, UNIFE\_lexConcept, UNISIG\_lexConcept, UNITEL\_lexConcept

### 43 ontolex:LexicalConcept MODIFIED from lex\_sp-defs-231220:

APPLICATION--CONDITION\_lexConcept, APPLICATION--CONDITION\_lexConcept\_2, BUILDING--BLOCK\_lexConcept, BUILDING--BLOCK\_lexConcept\_2, DEFINITION\_lexConcept, DEFINITION\_lexConcept\_2, DELIVERABLE\_lexConcept, FUNCTION\_lexConcept, FUNCTION\_lexConcept\_2, INTEGRATION\_lexConcept, INTEGRATION\_lexConcept\_2, INTERFACE\_lexConcept\_2, INTERFACE\_lexConcept\_3, INTEROPERABILITY\_lexConcept, INTEROPERABILITY\_lexConcept\_2, METHODOLOGY\_lexConcept, METHOD\_lexConcept, OPERATIONAL--ACTIVITY\_lexConcept, OPERATIONAL--ACTIVITY\_lexConcept\_2, OPERATIONAL--CAPABILITY\_lexConcept, OPERATIONAL--CAPABILITY\_lexConcept\_2, OPERATIONAL--ENTITY\_ACTOR\_lexConcept, OPERATIONAL--ENTITY\_ACTOR\_lexConcept\_2, OPERATIONAL--PROCESS\_lexConcept, OPERATIONAL--PROCESS\_lexConcept\_2, PROCESS\_lexConcept, SRAC\_lexConcept, SRAC\_lexConcept\_2, SWITCH\_lexConcept, SWITCH\_lexConcept\_3, SWITCH\_lexConcept\_4, SYSTEM--ACTOR\_lexConcept, SYSTEM--ACTOR\_lexConcept\_2, SYSTEM--CAPABILITY\_lexConcept, SYSTEM--CAPABILITY\_lexConcept\_2, SYSTEM\_lexConcept, SYSTEM\_lexConcept\_2, TOOL\_lexConcept, TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept\_2, TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept\_3, WORK--ITEM\_lexConcept, WORK--ITEM\_lexConcept\_2, WORK--PRODUCT\_lexConcept

# Modified Entities

## lexinfo:AbbreviatedForm entities

### ontorail:lexinfo:AbbreviatedForm 1 cosmetic changes have been skipped

## ontolex:LexicalEntry entities

### ontorail:ontolex:LexicalEntry 8 cosmetic changes have been skipped

### ontorail:ontolex:LexicalEntry lex\_sp-defs-240117:"(System) Actor" modifications from lex\_sp-defs-231220:

 == rdfs:label => ++ "(System) Actor", -- "System Actor"

### ontorail:ontolex:LexicalEntry lex\_sp-defs-240117:CMS modifications from lex\_sp-defs-231220:

 == ontolex:canonicalForm => :CAPACITY--MANAGEMENT--SYSTEM\_lexForm\_2, ++ :CAPACITY--MANAGEMENT--SYSTEM\_lexForm\_3

### ontorail:ontolex:LexicalEntry lex\_sp-defs-240117:ERJU modifications from lex\_sp-defs-231220:

 == ontolex:canonicalForm => :EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexForm\_2, ++ :EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexForm\_4

### ontorail:ontolex:LexicalEntry lex\_sp-defs-240117:FRMCS modifications from lex\_sp-defs-231220:

 == ontolex:canonicalForm => :FUTURE--RAILWAY--MOBILE--COMMUNICATION--SYSTEM\_lexForm\_2, ++ :FUTURE--RAILWAY--MOBILE--COMMUNICATION--SYSTEM\_lexForm\_3

### ontorail:ontolex:LexicalEntry lex\_sp-defs-240117:TMS modifications from lex\_sp-defs-231220:

 == ontolex:canonicalForm => :TRAFFIC--MANAGEMENT--SYSTEM\_lexForm\_2, :TRAFFIC--MANAGEMENT--SYSTEM\_lexForm\_3, :TRAFFIC--MANAGEMENT--SYSTEM\_lexForm\_4, ++ :TRAFFIC--MANAGEMENT--SYSTEM\_lexForm\_5, ++ :TRAFFIC--MANAGEMENT--SYSTEM\_lexForm\_6

## ontolex:Form entities

### ontorail:ontolex:Form 7 cosmetic changes have been skipped

### ontorail:ontolex:Form lex\_sp-defs-240117:SYSTEM--ACTOR\_lexForm modifications from lex\_sp-defs-231220:

 == ontolex:writtenRep => ++ "(System) Actor", -- "System Actor"

## ontolex:LexicalSense entities

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

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:CAPACITY--MANAGEMENT--SYSTEM\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => "SPLI-1298", ++ "SPT3TMS-10170"

 == ontolex:isLexicalizedSenseOf => :CAPACITY--MANAGEMENT--SYSTEM\_lexConcept, ++ :CAPACITY--MANAGEMENT--SYSTEM\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:CHANGE--REQUEST\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => ++ "SPLI-92", "SPPR-3732"

 == ontolex:isLexicalizedSenseOf => :CHANGE--REQUEST\_lexConcept, ++ :CHANGE--REQUEST\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:COMMON--BUSINESS--OBJECTIVE\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => ++ "SPLI-81", "SPPR-3734"

 == ontolex:isLexicalizedSenseOf => :COMMON--BUSINESS--OBJECTIVE\_lexConcept, ++ :COMMON--BUSINESS--OBJECTIVE\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => ++ "SPLI-102", ++ "SPLI-124", "SPT2TS-124458"

 == ontolex:isLexicalizedSenseOf => :EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexConcept, ++ :EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexConcept\_2, ++ :EUROPE\_S--RAIL--JOINT--UNDERTAKING\_lexConcept\_3

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:FFFIS\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => "SPPRAMSS-4345", -- "SPLI-114"

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

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:FUTURE--RAILWAY--MOBILE--COMMUNICATION--SYSTEM\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => ++ "SPLI-117", "SPT2MIG-835"

 == ontolex:isLexicalizedSenseOf => :FUTURE--RAILWAY--MOBILE--COMMUNICATION--SYSTEM\_lexConcept, ++ :FUTURE--RAILWAY--MOBILE--COMMUNICATION--SYSTEM\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:MTBF\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => "SPPRAMSS-4041", -- "SPPR-5958"

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

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:NSA\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => "SPPRAMSS-4133", -- "SPPR-5959"

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

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:OPERATIONAL--CONCEPTS\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => ++ "SPLI-128", "SPPR-2069"

 == ontolex:isLexicalizedSenseOf => :OPERATIONAL--CONCEPTS\_lexConcept, ++ :OPERATIONAL--CONCEPTS\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:SRS\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => "SPPRAMSS-4346", -- "SPLI-138"

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

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:SYSTEM--PILLAR--STEERING--GROUP\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => ++ "SPLI-137", "SPPR-3317"

 == ontolex:isLexicalizedSenseOf => :SYSTEM--PILLAR--STEERING--GROUP\_lexConcept, ++ :SYSTEM--PILLAR--STEERING--GROUP\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:TOOL\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => "SPPR-7002", ++ "SPT2CE-1183"

 == ontolex:isLexicalizedSenseOf => :TOOL\_lexConcept, ++ :TOOL\_lexConcept\_2

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:TRAFFIC--MANAGEMENT--SYSTEM\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => "SPLI-1343", ++ "SPLI-141", "SPT2MIG-829", "SPT2TS-1822", ++ "SPT3TMS-10188"

 == ontolex:isLexicalizedSenseOf => :TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept, :TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept\_2, :TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept\_3, ++ :TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept\_4, ++ :TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept\_5

### ontorail:ontolex:LexicalSense lex\_sp-defs-240117:TSI\_lexSense modifications from lex\_sp-defs-231220:

 == dcterms:identifier => "SPPRAMSS-345", -- "SPLI-142"

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

## ontolex:LexicalConcept entities

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

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:APPLICATION--CONDITION\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ """ Requirement about the environment and use of the target system, e.g. skills of maintenance people that ned to be trained or requirements about the physical environment. ("exported constraint, relevant for users"). """, -- "An Application Condition is a requirement for the environment of a system in its application. Concretely these can be for example requirements concerning the skills of the users, temperatures in a data center, or maintenance processes that need to be established."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:APPLICATION--CONDITION\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "An Application Condition is a requirement for the environment of a system in its application. Concretely these can be for example requirements concerning the skills of the users, temperatures in a data center, or maintenance processes that need to be established.", -- """ Requirement about the environment and use of the target system, e.g. skills of maintenance people that ned to be trained or requirements about the physical environment. ("exported constraint, relevant for users"). """

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:BUILDING--BLOCK\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "{comment:33}\n\nA building block is a sourceable unit of the CCS system (hardware and/or software), having standardised functionality, standardised performance (RAM), standardised safety (including Tolerable Functional Failure Rate [TFFR], Safety Integrity Level [SIL] and Safety Related Application Conditions [SRAC]), standardised security and standardised interfaces towards other building blocks and/or external systems.\n\nA building block can also be defined as a standardised module. {comment:158}", -- "A Building Block is a sourceable unit of the CCS System (hardware and/or software), having standardised functionality, standardised PRAMS requirements (including Tolerable Functional Failure Rate [TFFR], Safety Integrity Level [SIL] and Safety Related Application Conditions [SRAC]), standardised cyber security requirements (including Security Level [SL] based on the security requirements, and Security Related Application Conditions [SRAC]), standardised interfaces (on all OSI Layers) towards other Building Blocks and/or external systems. Building Blocks are exchangeable and migrateable, without impacting other Building Blocks. Building Blocks are separately sourceable from different suppliers and capable of being integrated by a third party."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:BUILDING--BLOCK\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "A Building Block is a sourceable unit of the CCS System (hardware and/or software), having standardised functionality, standardised PRAMS requirements (including Tolerable Functional Failure Rate [TFFR], Safety Integrity Level [SIL] and Safety Related Application Conditions [SRAC]), standardised cyber security requirements (including Security Level [SL] based on the security requirements, and Security Related Application Conditions [SRAC]), standardised interfaces (on all OSI Layers) towards other Building Blocks and/or external systems. Building Blocks are exchangeable and migrateable, without impacting other Building Blocks. Building Blocks are separately sourceable from different suppliers and capable of being integrated by a third party.", -- "{comment:33}\n\nA building block is a sourceable unit of the CCS system (hardware and/or software), having standardised functionality, standardised performance (RAM), standardised safety (including Tolerable Functional Failure Rate [TFFR], Safety Integrity Level [SIL] and Safety Related Application Conditions [SRAC]), standardised security and standardised interfaces towards other building blocks and/or external systems.\n\nA building block can also be defined as a standardised module. {comment:158}"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:DEFINITION\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Glossary entry. See: Definitions", -- "ARCADIA (Architecture Analysis & Design Integrated Approach) is a system and software architecture engineering method based on architecture-centric and model-driven engineering activities. Main resources about ARCADIA can be found on the official websites: https://www.eclipse.org/capella/arcadia-reference.html \n\n \n\n (image: 1-screenshot-20230107-163323.png)"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:DEFINITION\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "ARCADIA (Architecture Analysis & Design Integrated Approach) is a system and software architecture engineering method based on architecture-centric and model-driven engineering activities. Main resources about ARCADIA can be found on the official websites: https://www.eclipse.org/capella/arcadia-reference.html \n\n \n\n (image: 1-screenshot-20230107-163323.png)", -- "Glossary entry. See: Definitions"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:DELIVERABLE\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "An input or output of a task that crosses the process boundaries.\n\nAny unique and verifiable product, result, or capability to perform a service that must be produced to complete a process, phase, or project. (e.g. Requirement Specification)", -- "An input or output of a task that crosses the process boundaries.\n\nAny unique and verifiable product, result, or capability to perform a service that must be produced to complete a process, phase, or project. (Source: ISO 24765:2017 3.1098) (e.g. Requirement Specification)"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:FUNCTION\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "A function transforms several one or more input values to several one or more output values according to the function’s behaviour. The function’s behaviour is defined by one or multiple functional requirements, defining “what” the function is doing. Additional non-functional requirements attached to the function define the quality attributes of “how” (how safe, how accurate, how fast, how reliable, etc.) the function is performing the transformation.\n\nSome non-functional requirements, e.g., on weight constraints or physical dimension constraints), will also be allocated to subsystems.", -- "action, operation or service fulfilled by the system, or by an actor interacting with the system"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:FUNCTION\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "action, operation or service fulfilled by the system, or by an actor interacting with the system", -- "A function transforms several one or more input values to several one or more output values according to the function’s behaviour. The function’s behaviour is defined by one or multiple functional requirements, defining “what” the function is doing. Additional non-functional requirements attached to the function define the quality attributes of “how” (how safe, how accurate, how fast, how reliable, etc.) the function is performing the transformation.\n\nSome non-functional requirements, e.g., on weight constraints or physical dimension constraints), will also be allocated to subsystems."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:INTEGRATION\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Integration is to combine current and/or new systems with a known behaviour to a larger system with a target behaviour. For any country migrating or upgrading their system(s) ‘integration’ is an important consideration to ensure the whole railway operates in a safe and reliable manner.", -- "See SPT2CE-244 - Horizontal integration and SPT2CE-245 - Vertical integration"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:INTEGRATION\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "See SPT2CE-244 - Horizontal integration and SPT2CE-245 - Vertical integration", -- "Integration is to combine current and/or new systems with a known behaviour to a larger system with a target behaviour. For any country migrating or upgrading their system(s) ‘integration’ is an important consideration to ensure the whole railway operates in a safe and reliable manner."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:INTERFACE\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Based on ISO/IEC 2382, a shared boundary between two systems or subsystems, defined by various characteristics pertaining to the functions, physical signal exchanges, and other characteristics.", -- "a means provided or required by components for an interaction between them or with actors"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:INTERFACE\_lexConcept\_3 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "a means provided or required by components for an interaction between them or with actors", -- "Based on ISO/IEC 2382, a shared boundary between two systems or subsystems, defined by various characteristics pertaining to the functions, physical signal exchanges, and other characteristics."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:INTEROPERABILITY\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Interoperability means the ability to allow the safe and uninterrupted movement of trains that accomplish the specified levels of performance.Reference to the TSI (European Regulation) would be good to understand the importance (double. needs to be deleted)", -- "Interoperability means the ability to allow the safe and uninterrupted movement of trains that accomplish the specified levels of performance, see [Subset-023] SPT2ARC-1619 and [IOP-Dir 2016/797] SPT2ARC-1617 so that a train is able to run across different infrastructure networks (IMs) and that an infrastructure network is able to interact with trains of different Railway Undertakings, using systems/sub-systems from different origins. Exchangeability and interchangeability are related to the physical characteristics of sub-systems whereas interoperability is related to interactions between subsystems (e.g. also between STM and ETCS on-board there is interoperability)."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:INTEROPERABILITY\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Interoperability means the ability to allow the safe and uninterrupted movement of trains that accomplish the specified levels of performance, see [Subset-023] SPT2ARC-1619 and [IOP-Dir 2016/797] SPT2ARC-1617 so that a train is able to run across different infrastructure networks (IMs) and that an infrastructure network is able to interact with trains of different Railway Undertakings, using systems/sub-systems from different origins. Exchangeability and interchangeability are related to the physical characteristics of sub-systems whereas interoperability is related to interactions between subsystems (e.g. also between STM and ETCS on-board there is interoperability).", -- "Interoperability means the ability to allow the safe and uninterrupted movement of trains that accomplish the specified levels of performance.Reference to the TSI (European Regulation) would be good to understand the importance (double. needs to be deleted)"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:METHODOLOGY\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "A collection of related processes, methods, and tools.", -- "A collection of related processes, methods, and tools. (Source: OMG)"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:METHOD\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "A technique for performing a task.\n\nMethod is a grouping of guidance, modelling{comment:72} language, rules, techniques and patterns. Different methods may be available for the same task.\n\nIt defines the “HOW” of each task. (In this context, the words “method,” “technique,” “practice,” and “procedure” are often used interchangeably.) At any level, process tasks are performed using methods.", -- "A technique for performing a task.\n\nMethod is a grouping of guidance, modelling{comment:72} language, rules, techniques and patterns. Different methods may be available for the same task. (Source: OMG)"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:OPERATIONAL--ACTIVITY\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "On operational activity is one step in an operational process, that has one or more inputs, and one or more outputs. The activity describes what and how the operational entity the operational activity is allocated to is doing.", -- "A step or function of an operational process, done by actors that might need to use the system to reach certain objectives."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:OPERATIONAL--ACTIVITY\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "A step or function of an operational process, done by actors that might need to use the system to reach certain objectives.", -- "On operational activity is one step in an operational process, that has one or more inputs, and one or more outputs. The activity describes what and how the operational entity the operational activity is allocated to is doing."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:OPERATIONAL--CAPABILITY\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "An operational capability is an ability given by a group of processes.", -- "ability of an operational entity to provide a service"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:OPERATIONAL--CAPABILITY\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "ability of an operational entity to provide a service", -- "An operational capability is an ability given by a group of processes."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:OPERATIONAL--ENTITY\_ACTOR\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "A person or organisation performing an operational activity.", -- "Denotes an entity of the real world (such as another system, device, group or organisation ...) involved in operational activities to which the system of interest or stakeholders must contribute. An actor is a type of operational entity (usually human and indivisible).{comment:1}"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:OPERATIONAL--ENTITY\_ACTOR\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Denotes an entity of the real world (such as another system, device, group or organisation ...) involved in operational activities to which the system of interest or stakeholders must contribute. An actor is a type of operational entity (usually human and indivisible).{comment:1}", -- "A person or organisation performing an operational activity."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:OPERATIONAL--PROCESS\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "An ordered (time or information) flow of operational activities.", -- "Specific organisation of activities and interactions, forming one path to fulfil an operational capability, within the set of all possible paths of operational data flows. It describes either an expected behaviour of one or several operational entities in a given context, or expresses non-functional properties on the path (such as latency, criticality, confidentiality, redundancy ...)."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:OPERATIONAL--PROCESS\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Specific organisation of activities and interactions, forming one path to fulfil an operational capability, within the set of all possible paths of operational data flows. It describes either an expected behaviour of one or several operational entities in a given context, or expresses non-functional properties on the path (such as latency, criticality, confidentiality, redundancy ...).", -- "An ordered (time or information) flow of operational activities."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:PROCESS\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "A set of interrelated or interacting set of cohesive process tasks that transforms inputs into outputs. The Processes require a purpose and outcome, all processes have at least one process task.", -- "A set of interrelated or interacting set of cohesive process tasks that transforms inputs into outputs. The Processes require a purpose and outcome, all processes have at least one process task. (Source: ISO9001 and ISO 15288, 4.1.30)"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SRAC\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Safety related application condition.", -- "Safety related application conditions are SPPR-2246 - Application Condition relevant for the safety of the application."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SRAC\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Safety related application conditions are SPPR-2246 - Application Condition relevant for the safety of the application.", -- "Safety related application condition."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SWITCH\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Switch", -- "a switch is a device that opens or closes electrical circuits."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SWITCH\_lexConcept\_3 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "a switch is a device that opens or closes electrical circuits.", -- "Electrical switch. Closes or opens a circuit."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SWITCH\_lexConcept\_4 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Electrical switch. Closes or opens a circuit.", -- "Switch"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SYSTEM--ACTOR\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Actors are entities outside the system (either humans or other technical systems) that interact with the system.", -- "external entity (human, system, ...) interacting with the system of interest through its interfaces"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SYSTEM--ACTOR\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "external entity (human, system, ...) interacting with the system of interest through its interfaces", -- "Actors are entities outside the system (either humans or other technical systems) that interact with the system."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SYSTEM--CAPABILITY\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "A System capability is a service an actor requires from the system to fulfil its business goals. System capabilities are realised by exploiting one or multiple Functions, usually in a chain of functions. System capabilities in terms of this document are very similar to Use cases and the theory behind it.", -- "Ability of the system to provide a service that support the realisation of high-level operational objectives (including the contribution of the system to an operational capability)."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SYSTEM--CAPABILITY\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Ability of the system to provide a service that support the realisation of high-level operational objectives (including the contribution of the system to an operational capability).", -- "A System capability is a service an actor requires from the system to fulfil its business goals. System capabilities are realised by exploiting one or multiple Functions, usually in a chain of functions. System capabilities in terms of this document are very similar to Use cases and the theory behind it."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SYSTEM\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "According to ISO 15288 a system is “a combination of interacting elements organized to achieve one or more stated purposes. “. In terms of this document, a system in black box view is furthermore defined by: \n\n\* interfaces to actors outside the system, defining the system boundary\n\n\* at least one function allocated to it\n\n\* at least one system capability that the system delivers as a service to the actors\n\nA system in white box view can be further refined into (exclusive or): \n\n\* into a more granular systems, hence making itself to a system of systems\n\n\* into subsystems on the lowest level of system of systems refinement\n\nIn both cases, a system is a conceptual entity that aggregates the properties of its constituents but is not the element that defines the properties itself. A system is hence subject to the emerging properties of its constituents. Example: The system “onboard CCS” does not define the properties of this system itself, the properties emerge from the combined properties of the subsystems “ETCS core”, “Onboard localization” and “Onboard map” (examples only).\n\nUsage context definitions of term „system“: \n\n\* Constituent system: according to ISO 21839, a system that forms part of a system of systems\n\n\* System of interest: according to ISO 21839, a system whose life cycle or properties are under consideration in a given context", -- "Subject of interest of the engineering activities described by ARCADIA, which is also an organized collection of elements working as a whole."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:SYSTEM\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Subject of interest of the engineering activities described by ARCADIA, which is also an organized collection of elements working as a whole.", -- "According to ISO 15288 a system is “a combination of interacting elements organized to achieve one or more stated purposes. “. In terms of this document, a system in black box view is furthermore defined by: \n\n\* interfaces to actors outside the system, defining the system boundary\n\n\* at least one function allocated to it\n\n\* at least one system capability that the system delivers as a service to the actors\n\nA system in white box view can be further refined into (exclusive or): \n\n\* into a more granular systems, hence making itself to a system of systems\n\n\* into subsystems on the lowest level of system of systems refinement\n\nIn both cases, a system is a conceptual entity that aggregates the properties of its constituents but is not the element that defines the properties itself. A system is hence subject to the emerging properties of its constituents. Example: The system “onboard CCS” does not define the properties of this system itself, the properties emerge from the combined properties of the subsystems “ETCS core”, “Onboard localization” and “Onboard map” (examples only).\n\nUsage context definitions of term „system“: \n\n\* Constituent system: according to ISO 21839, a system that forms part of a system of systems\n\n\* System of interest: according to ISO 21839, a system whose life cycle or properties are under consideration in a given context"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:TOOL\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "The term Tools refers to all supplier specific applications required to develop, test, integrate, deploy, diagnose and maintain FA Tasks, Functional Applications, Functional Systems and/or Systems of Systems. It may also include applications needed for the the virtualisation and/or hardware layer.", -- "An instrument that, when applied to a particular method, can enhance the efficiency of the task, provided it is applied properly and by somebody with proper skills and training."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Traffic Management System", -- "Traffic Management System (double, needs to be deleted)"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:TRAFFIC--MANAGEMENT--SYSTEM\_lexConcept\_3 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Traffic Management System (double, needs to be deleted)", -- "Traffic Management System is used to manage the operation of the railway system and to ensure efficient recovery when unexpected traffic disruptions occur."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:WORK--ITEM\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "Work Item{comment:1}{comment:2}", -- "\* ork items examples: “A requirement”, or “a function”, or “a concept aspect”\n\n\* Work items are objects in the “engineering database” (ALM) that represent the result of a design step.\n\n\* The structure of the work items is defined by the SEMP process definition documents (overview in the maps), that also make use of modelling standards like ARCADIA or SysML\n\n\* The master-engineering database is the ALM System (currently Polarion) which contains all work items and their links."

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:WORK--ITEM\_lexConcept\_2 modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "\* ork items examples: “A requirement”, or “a function”, or “a concept aspect”\n\n\* Work items are objects in the “engineering database” (ALM) that represent the result of a design step.\n\n\* The structure of the work items is defined by the SEMP process definition documents (overview in the maps), that also make use of modelling standards like ARCADIA or SysML\n\n\* The master-engineering database is the ALM System (currently Polarion) which contains all work items and their links.", -- "Work Item{comment:1}{comment:2}"

### ontorail:ontolex:LexicalConcept lex\_sp-defs-240117:WORK--PRODUCT\_lexConcept modifications from lex\_sp-defs-231220:

 == skos:definition => ++ "An artefact associated with the execution of a process.", -- "An artefact associated with the execution of a process. (Source: ISO 24765:2017 3.4611)"