DIGITÁLNÍ A INFORMAČNÍ AGENTURA_

Export z Národní architektury eGovernmentu ČR

Obsah

Attributes of models, views and elements

Classification according to the Shannon principle

- Each office has its own binder by which it is clearly identifiable (Modelled Office Classification)
  - Quite rarely, it is possible to model at a central level a system that belongs to the EU or to the CZ, not to a specific office.
- Each office has ONE overall model, describing the office as a whole in a simplified form (Classification of Office Model)
- Each authority has many views of its models (Classification of view-diagram).
- Each office has ONE model (diagram) for one information system in operation in the public administration (Information System Classification)
- A model is a set of objects and relationships between objects displayed in predefined view definitions
- The model is a separating paper (tab) in the binder with its classification and there are individual views of the model as separate sheets
- Each model contains, in addition to its classification, the classification of the modelling authority
- These are model classifications only, not view or object classifications
- Physically, a model is a transfer file according to the TOGAMEFF standard

Signposting:

1. Office
    1. Model
        1. View
            1. General element
            2. General link
                1. Business function
                2. Information system

Classification of modelling authority. One who models for himself and his subordinate organizations

Title\ of attribute CZ	Title\ of attribute EN	Values\ of attribute EN	Values\ of attribute CZ2	Description of attribute	
Agency_ID	Agency_ID	Agency_ID	Unique identifier of the office in VS		
uroven_VS	agency_PS_level	agency_PS_level		Level of office in the VS hierarchy	
		EUN	EUN	European Union	
		CNT	CNT	eGovernment of the Czech Republic	
			AGN	USU	(Agency) Central Administrative Office
			CTY	KRJ	(County) County, county authority and county corporation

Title\ of attribute CZ	Title\ of attribute EN	Values\ of attribute EN	Values\ of attribute CZ2	Description of attribute	
		PRG	PRG	Prague - as a combination of KRJ and ORP	
		MUN	ORP	(Municipality) Municipality (mostly with extended jurisdiction, but also others)	
		GOV	OVM	(Government-all institutions) aggregate category for models, valid for all OVMs	
			OTH	OST	(Others) auxiliary category for other than those listed (complement of the set)
		CLI	KLI	(Clients) auxiliary category for reference models of type client	
		PRV	PRV	(Private) auxiliary category for individual and reference models of private entities - part of public corporations or not standing alone	
			PUB	VER	(Public) auxiliary category for entities that are part of the public sector but are not OVM (or maybe including them ???)
		ALL	VSE	(All - everyone) auxiliary category for RMs and PTs, applicable to all without distinction	

Classification of Authority Models

Name of attribute CZ	Name\ of attribute EN	Values\ of attribute EN	Values\ of attribute CZ	Description of attribute			
Inherited Authority Attributes							
Agency_ID			Agency_ID			Unique identifier of the office in VS	
uroven_VS	agency_PS_level			Authority level in the VS hierarchy			
Basic model attributes							
	model_type			model_type			The type of model in terms of level of abstraction and purpose
		MM	MM	Meta-model, defines the way of modeling at national, corporate and local (or international) level			

Name of attribute CZ	Name\ of attribute EN	Values\ of attribute EN	Values\ of attribute CZ	Description of attribute			
		RM	RM	Reference model, defines the classification (taxonomy) and the way of modeling in its scope			
		IM	IM	Individual architecture model of a specific organization (conceptual, logical or physical, but always specifically individual)			
		PT	VM	(Pattern) Pattern model - mandatory architectural pattern			
	EX	PM	(Example) Example of an individual model, usually (but not necessarily) anonymized (then it has no subject identifier)				
	model_scope						
		OWN	VLST	(Own) Custom model of an authority, identified or type entity of the public administration or private sphere			
		GRP	SPOL	(Group) Common model of a group of organisations controlled/influenced by a VS entity			
		EXT	ROZS	(Extended) Extended model of public service delivery, including all specific and type entities required for service delivery			
extension_name	model_scope-name						
		text	text	text	name describes the service delivery chain, e.g. "transport authorities" - i.e. DOTs and DÚs in the CA.		
identification				Model identification (text description-model name)			
	model_ID			Technical unique designation of the authority model (one of several authority models)			
	model_name			Name describing the characteristics of the model			
	model_version			Version of the same Authority model			
Additional model attributes							
model_update_date	model_update_date						
model_valid_date	model_valid_to						
responsible_person			responsible_person_for_model				
		model_resp_pers_ID			person identifier in the organization (in the whole public administration), civil servant's service number.		

Name of attribute CZ	Name\ of attribute EN	Values\ of attribute EN	Values\ of attribute CZ	Description of attribute			
		model_resp_pers_name			name (and surname) of the person		
		is the content of the model a central shared service?					
	agendas			agendas executed			
		State			State of the model over time		

Classification of views, in particular diagrams (pictures of the model) of the authority.

Name of attribute CZ	Name\ of attribute EN	Values\ of attribute EN	Values\ of attribute CZ	Description of attribute				
Inherited Authority Attributes								
Agency_ID			Agency_ID			Unique identifier of the office in VS		
uroven_VS	agency_PS_level			Authority level in the VS hierarchy				
Inherited model attributes								
	model_type			model_type			The type of model in terms of level of abstraction and purpose	
model_scope		model_scope						
model_scope-name	model_scope-name							
model-name			model-identification (textual description-model-name)					
update__model_date	model_ mnt_date							
model_valid_date	model_valid_to							
model_resp_person			model_resp_person		model_resp_person			
Basic diagram attributes								
view_purpose		view_purpose			Expresses both the extent and detail of the view of the model			
		STR	STR	STR	Strategic architecture of the whole office and its vision			
		SGM	SGM	Segmental architecture of a significant part of the office				
		CAP	SCH	(Capability) Capability architecture of a particular vertical or horizontal capability of the Authority				
		SOL	RES	(Solution) A more detailed architecture of a sub-solution (for functional specification of a task or documentation of a deliverable)				
		DES	DES	(Design) Detailed design of the implementation (design, programming, ...) of a part of the solution				
			Type of this viewpoint					
		ID from list	ID from dial	List of type (predefined) viewpoints according to NAR				
view_domain	view_domain			Leading (predominant) domain, if it can be specified				
		MA			Motivation & Strategy			
		PA			Performance arch.			
				BA				Business arch.
			AA			Application arch.		

Name of attribute CZ	Name\ of attribute EN	Values\ of attribute EN	Values\ of attribute CZ	Description of attribute				
		DA			Data (Information) arch.			
		TA			IT Technology arch.			
		IA			Comm. Infrastructure arch.			
		RS			Risk&Secutiry architecture			
			SC			Standardization&Compliance&Sustainability		
		IM			Implementation&Migration			
	DiagramName			Name of a specific artifact, catalog, matrix or diagram				
		view_ID			Technical unique designation of a view of the Authority model (one of many views of a single Authority model)			
	view_name			Name describing the characteristics of the view				
	view_version			Versions of the same Authority Model view				
artifact_type				Architecture type (catalog, matrix, diagram)				
		CAT		KAT	Catalog			
			MTX		MAT			
		DGM		DIA	Diagram (graphic)			
	uroven_detail		view_detail_level			Level of detail of the model at the specified range (L0, L1 and L2)		
			L0		L0	Aggregated		
			L1		L1	Basic		
			L2	L2	Detailed			
cas_horizon	view_horizon_state			The location of the view in time (whether it was created as a view of the present past or a draft of the future).				
			TGT	target	(Target) Target architecture at the end of the horizon (To_Be)			
		BSL	akt	(Baseline) Baseline current architecture (As-Is)				
	TRN	pre	(Transition) Transition architecture over time to horizon (also To-Be)					
			HST		hst	(History) architecture sometime in the past (As-it-was)		
cas_horizon_date		view_horizon_date			The year or date that the state (current, transition or target) diagram shows			
		date		date				
Additional diagram attributes								
view_resp_person	view_resp_person	responsible person for the diagram or other artifact						
view_resp_person_ID	view_resp_pers_ID							
diagram_name	view_resp_pers_name							
diagram_valid_date_from	view_valid_from			Date from which the state design (current, intermediate or target) is considered valid, valid, valid				
diagram_validity_date_to	view_valid_to			Date until which the state proposal (current, intermediate or target) is considered valid, standard				
		date		date				
diagram_update	view_ update_date			date of the date on which the draft diagram (current, intermediate or target) was last updated				
		date	date					

Classification of each (any) element of the authority model.

Attribute name CZ	Attribute name EN	Attribute values EN2	Attribute values CZ	Attribute description		
Inherited Authority Attributes						
Agency_ID			Agency_ID			Unique identifier of the office in VS
uroven_VS	agency_PS_level			Agency level in the VS hierarchy		
Inherited attributes of the model					The attributes also apply to the image of any element if it is in the model	
	model_type				The type of model in terms of abstraction level and purpose	
model_scope		model_scope				
model_scope-name	model_scope-name					
model-name			model-identification (textual description-model-name)			
update__model_date	model_ mnt_date					
model_valid_date	model_valid_to					
model_resp_person			model_resp_person		model_resp_person	
Inherited diagram attributes					The attributes apply to the image of any element if it is in the model view	
ucel_diagram	view_purpose			Expresses both the extent and detail of the model view		

viewpoint_type | | || || Identification of the type viewpoint of this view || domain_diagram_domain | | || |The leading (predominant) domain, if it can be specified |

				Name of a specific artifact, catalog, matrix or diagram			
artifact_type				architectural artifact type (catalog, matrix, diagram)			
uroven_detail	view_detail_level			Level of detail of the model at the specified range (L0, L1 and L2)			

cas_horizon	view_horizon_state			location of the view in time (whether it was created as a view of the present past or a projection of the future)			
cas_horizon_date	view_horizon_date			The year or date that the state (current, intermediate or target) diagram shows			
view_resp_person	view_resp_person			the person responsible for the diagram or other artifact			
update__diagram_date	view_ update_date			date of the day on which the draft diagram (current, intermediate or target) was last updated			
diagram_valid_date_from	view_valid_from			date from which the draft state (current, intermediate or target) is considered valid, valid			
diagram_validity_date	view_valid_to			Date until which the state proposal (current, intermediate or target) is considered valid, standard			
Basic attributes of an element (object, concept, feature) of the model							
Identification of a concept from a metamodel							
	concept_ID			Metamodel_ Identifier of the modelled object/entity in the meta-model of the authority			
		concept_name			Metamodel_Designation, name of the metamodel element		
		element_model_ID			Metamodel_ Identifier of the modelled object/entity in the meta-model of the authority		
			element_ext_ID				Metamodel_Identifier of the modelled object/entity in the real world (in the organisation, in the state)
		element_name			Metamodel_Designation, name of the metamodel element		

		Standard_Y_N			Whether the modelled element is declared a standard in the organisation		
		Standard_from				Date from which the element is declared a standard	
		Standard_to				Date until which the element is declared standard	
		Std_related_element			The element identifier that is the standard for the element being modeled		
	Next_std_eval			Date of the next scheduled standard evaluation for the element			
	Std_resp_pers_ID			ID of the person responsible for maintaining the standard for the element			
		Std_resp_pers_name			Name of the person responsible for maintaining the standard for the element		
			Responsibility and validity of data for the element				
		element_resp_pers_ID			person identifier in the organisation (across the civil service), civil servant service number.		
	element_resp_pers_name			name (and surname) of the person			
		element_ update_date			Date of the day when the element data was last updated		
		element_valid_from			date from which the draft state of the element is considered valid, valid		
		element_valid_to				Date until which the draft state of the element is considered valid, standard	

Classification of links between elements of the authority model (general).

Title\ of attribute CZ	Title\ of attribute EN	Values\ of attribute EN2	Values\ of attribute CZ	Description of attribute		
Inherited Authority Attributes						
Agency_ID			Agency_ID			Unique identifier of the office in VS

Title\ of attribute CZ	Title\ of attribute EN	Values\ of attribute EN2	Values\ of attribute CZ	Description of attribute		
uroven_VS	agency_PS_level			Authority level in the VS hierarchy		
Inherited attributes of the model			The attributes also apply to the image of any element binding if it is in the model			
		model_type				The type of model in terms of abstraction level and purpose
model_scope		model_scope				
model_scope-name	model_scope-name					
model-name			model-identification (textual description-model-name)			
update__model_date	model_ mnt_date					
model_valid_date	model_valid_to					
model_resp_person			model_resp_person		model_resp_person	
Inherited diagram attributes				The attributes also apply to the image of an arbitrary element constraint if it is in the model view		
ucel_diagram	view_purpose			Expresses both the extent and detail of the model view		

viewpoint_type | | || || Identification of the type viewpoint of this view || domain_diagram_domain | | || |The leading (predominant) domain, if it can be specified |

				Name of a specific artifact, catalog, matrix or diagram		
artifact_type				architectural artifact type (catalog, matrix, diagram)		
uroven_detail	view_detail_level			Level of detail of the model at the specified range (L0, L1 and L2)		
cas_horizon	view_horizon_state			location of the view in time (whether it was created as a view of the present past or a projection of the future)		
cas_horizon_date	view_horizon_date			The year or date that the state (current, intermediate or target) diagram shows		
view_resp_person	view_resp_person			the person responsible for the diagram or other artifact		

diagram_valid_date_from	view_valid_from		date from which the state design (current, intermediate or target) is considered valid, guideline			
diagram_validity_date	view_valid_to			Date until which the state proposal (current, intermediate or target) is considered valid, standard		
update__diagram_date	view_ update_date				Date of the day on which the draft diagram (current, intermediate or target) was last updated	
Basic attributes of the link between model elements						
		rel_type_ID			Metamodel_ Identifier of the modelled binding type in the Authority's meta-model	
		rel_type_name			Metamodel_Identification, name of the binding type in the metamodel	
Identification of the binding instance in the model						
	relation_ID			relation_ID		specific binding identifier in the model
		relation_name			Name of the specific binding in the model	
Responsibility and validity of the binding data						
		relation_resp_pers_ID			person identifier in the organization (in the whole public administration), civil servant's service number.	
	relation_resp_pers_name			relation_resp_pers_name		
		relation_ update_date			Date of the day on which the custody data was last updated	
	relation_valid_from			date from which the draft custody status is considered valid, standard		
		relation_valid_to				Date until which the binding status proposal is considered valid, standard

Classification of the business elements of the authority model.

Title\ of attribute CZ	Title\ of attribute EN	Values\ of attribute EN2	Values\ of attribute CZ	Description of attribute		
Inherited Authority Attributes						

Title\ of attribute CZ	Title\ of attribute EN	Values\ of attribute EN2	Values\ of attribute CZ	Description of attribute		
Agency_ID			Agency_ID			Unique identifier of the office in VS
uroven_VS	agency_PS_level			Authority level in the VS hierarchy		
Inherited model attributes				The attributes also apply to the information system image if it is in the model		
	model_type				The type of model in terms of abstraction level and purpose	
model_scope		model_scope				
model_scope-name	model_scope-name					
model-name			model-identification (textual description-model-name)			
update__model_date	model_ mnt_date					
model_valid_date	model_valid_to					
model_resp_person			model_resp_person		model_resp_person	
Inherited diagram attributes						
view_purpose		view_purpose			Expresses both the extent and detail of the view of the model	

type_viewpoint_ID | | || || Identification of the type aspect of this view || domain_diagram_domain | | || |The leading (predominant) domain, if it can be specified |

			Name of a specific artifact, catalog, matrix or diagram		
artifact_type			architectural artifact type (catalog, matrix, diagram)		
uroven_detail	view_detail_level		Level of detail of the model at the specified range (L0, L1 and L2)		
cas_horizon	view_horizon_state		location of the view in time (whether it was created as a view of the present past or a projection of the future)		
cas_horizon_date	view_horizon_date		The year or date that the state (current, intermediate or target) diagram shows		
view_resp_person	view_resp_person		the person responsible for the diagram or other artifact		

diagram_valid_date_from	view_valid_from	date from which the state design (current, intermediate or target) is considered valid, guideline			
diagram_validity_date	view_valid_to		Date until which the state proposal (current, intermediate or target) is considered valid, standard		
update__diagram_date	view_ update_date			Date of the day on which the draft diagram (current, intermediate or target) was last updated	
Inherited attributes of the generic model element					
		Concept identification from metamodel			
			Identification of the element (instance) in the model		
			Standardization attributes		
Specific attributes of the business function (process)					

Classification of Application Components and Services (IS) in the Authority Model.

Title\ of attribute CZ	**Title\ of attribute EN**	**Values\ of attribute CZ2**	**Values\ of attribute CZ**	**Description of attribute**		
Inherited Authority Attributes						
Agency_ID			Agency_ID			Unique identifier of the office in VS
uroven_VS	agency_PS_level			Authority level in the VS hierarchy		
	EUN	EUN	European Union			
	CNT	CNT	eGovernment of the Czech Republic			
	AGN	USU	(Agency) Central Administrative Authority			

Title\ of attribute CZ	Title\ of attribute EN	Values\ of attribute CZ2	Values\ of attribute CZ	Description of attribute		
		CTY	KRJ	(County) County, county authority and county corporation		
	PRG	PRG	Prague - as a combination of KRJ and ORP			
	MUN	ORP	(Municipality) Municipality (mostly with extended jurisdiction, but also others)			
	GOV	OVM	(Government-all institutions) aggregate category for models, valid for all OVM			
		OTH	OST	(Others) auxiliary category for other than those listed (complement of the set)		
	CLI	KLI	(Clients) auxiliary category for type client reference models			
	PRV	PRV	(Private) auxiliary category for individual and reference models of private entities - part of public corporations or non-public corporations			
		PUB	VER	(Public) auxiliary category for entities that are part of the public sector but are not OVM (or maybe including them ???)		
		ALL	VSE	(All - everyone) auxiliary category for RMs and PTs, applicable to all without distinction		
Inherited model attributes				Attributes also apply to the information system image if it is in the model		
	model_type				The type of model in terms of abstraction level and purpose	

Title\ of attribute CZ	Title\ of attribute EN	Values\ of attribute CZ2	Values\ of attribute CZ	Description of attribute		
model_scope		model_scope				
model_scope-name	model_scope-name					
model-name			model-identification (textual description-model-name)			
update__model_date	model_ mnt_date					
model_valid_date	model_valid_to					
model_resp_person			model_resp_person		model_resp_person	
Inherited diagram attributes				The attributes also apply to the information system image if it is in the model view		
ucel_diagram	view_purpose	view_purpose	Expresses both the extent and detail of the model view			

type_viewpoint_ID | | || | | | domain_domain of the viewpoint | | |More information about the viewpoint |More information about the viewpoint |More information about the viewpoint |More information about the viewpoint |More information about the viewpoint |More information about the viewpoint |More information about the viewpoint

diagram_name	view_name	view_name		Name of a particular artifact, catalog, matrix or diagram								
artifact_type		view_type	Architectural artifact type (catalog, matrix, diagram)									
uroven_detail	view_detail_level	view_detail_level	Level of detail of the model at the specified range (L0, L1 and L2)									
cas_horizon	view_horizon_state	view_horizon_state	view_horizon_state	location of the view in time (whether it was created as a view of the present past or a projection of the future).								
cas_horizon_date	view_horizon_date	view_horizon_date	Year or date that the state (current, intermediate or target) diagram shows									
view_resp_person	view_resp_person	view_resp_person	responsible person for the diagram or other artifact									
diagram_valid_date	view_valid_to	view_valid_to	Date until which the state design (current, intermediate or target) is considered valid, guideline									
update%__diagram_date	view_ update_date	view_ update_date	Date of the day on which the draft diagram (current, intermediate or target) was last updated									
Inherited attributes of the generic model element												
			Concept identification from metamodel									
				Identification of the element (instance) in the model								
				Standardization attributes								

Specific attributes of the information system						IS_name	IS_name	IS_name	IS identification (name, name) at the client	IS_platform	IS_platform	Default standard package or development platform
IS_start_date				Date of first productive start								
and more												
Classification of IS application components												
Classification of IS application components and services according to types of clients and "distance" from them and their service												
			External FO	Client portals (agenda and cross-cutting) - support for communication and client servicing, 1st line, self-service and assisted								
				External MO	Agenda specific applications containing business logic, algorithms, decision making, ...							
				External BO	Agenda Back-Office, payments, filing, control planning, balance sheet accounting, etc.							
			Internal FO	Employee portals (agenda, operational and cross-cutting) - support for communication and employee service, 1st line, self-service and assisted, SSC								
			Internal MO	Specific applications for internal resource management								
			Internal BO	Sectional applications for internal resource management (beyond Budgeting)								
			Budgeting	Essential Resource Management and Budgeting Support (ERP)								
		appl_user_platf_layer			Classification of IS application components and services by distance from users							
			UI&Access									
			Composite									
			BI&dec_supp									
				Transaction								
			Generic IT									
			Platform									
EGovernment Attributes												
	Services Provided			Does the system provide central services?								
			does the system draw on the central service?									
	layers			what layers of architecture does the model refer to?								
Model Manager			Model Manager									

		the overall administrator			the overall administrator of the system being modeled							
		technical_manager				technical manager of the modeled system						
			operator of the modelled system				operator of the modelled system					
		architect				architect of the modelled system						
		strategy			what strategic initiatives is the system part of							
legislation			what legislation affects the modelled system									
agendas				what agendas does the system support?								
soukroma_dc					does the system use private data centre services?							
cms					does the system use CMS services?							
portal					Is the system part of a portal?							
type		Central Application Service, Operational, Agenda, Security, Self-Service Portal, Self-Managed Portal	Central Application Service, Operational, Agenda, Security, Self-Service Portal, Self-Managed Portal									