

System tables

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📖 System tables

Reference of the Nuclos system tables – meaning and menu paths of the T_AD_/T_MD_/T_UD_ tables.

REFERENZ

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

Reference of the Nuclos **system tables** with descriptions and – where available – the corresponding menu path in the rich client or web client. Prefixes: T_AD_ (administration/configuration), T_MD_ (metadata), T_UD_ (user/transaction data), T_EO_ (entity objects/data).



As of

Documentation as of Nuclos 4.2022.26. The table structure may change between versions.

Name	Beschreibung	Menu path in the rich client	Menu path in the web client
t_ad_action			
t_ad_application	Here you find all Nuclets from the Nuclos instance.	Configuration > Nuclet	
t_ad_cluster_authstate	Live status of the cluster servers	Administration > Cluster servers	
t_ad_cluster_message	all incoming and outgoing messages of the cluster servers	Administration > Cluster servers	
t_ad_cluster_server	all configured cluster servers, see Cluster-Betrieb	Administration > Cluster servers	
t_ad_cominterface			
t_ad_cominterface_param			
t_ad_comport			
t_ad_comport_param			
t_ad_ldapmapping	Field mapping for Active Directory vs. Nuclos users	Administration > LDAP configuration	
t_md_ldapserver	Configuration of LDAP servers when login should run via an Active Directory. The connection to the LDAP servers can be enabled/disabled.	Administration > LDAP configuration	
t_ad_login_attempt	failed login attempts with the respective IP		
t_ad_module_sequentialnumber			
t_ad_news	all stored News	Administration > News	
t_ad_news_confirmed	all confirmed by the users News	Administration > News	
t_ad_news_viewed	all read by the users News	Administration > News	
t_ad_parameter	System parameters, see entry in the Nuclos wiki	Administration > Parameter	
t_ad_qrtz_blob_triggers			
t_ad_qrtz_calendars			
t_ad_qrtz_cron_triggers			
t_ad_qrtz_fired_triggers			
t_ad_qrtz_job_details			
t_ad_qrtz_job_listeners			
t_ad_qrtz_locks			
t_ad_qrtz_paused_triggers_grps			
t_ad_qrtz_scheduler_state			

t_ad_qrtz_simple_triggers			
t_ad_qrtz_trigger_listeners			
t_ad_qrtz_triggers			
t_ad_release	History of the Nuclos versions installed so far on this Nuclos instance.		
t_ad_sessions	Benutzersessions		
t_ad_ssoauth			
t_ad_ssouseridentifier			
t_md_businesstest	Hinterlegte Business-Tests		</> > Business-Tests
t_md_calcattribute	Calculated attributes as data sources	Configuration > Data sources > Calculated attribute	
t_md_calcattributeusage			
t_md_clientcode			
t_md_clientcode_parameter			
t_md_customcomponent			
t_md_data_language	all configured Datensprachen , see also on Internationalisierung	Administration > Datensprache	<i>Benutzername</i> > <i>Datensprache</i>
t_md_datatype	pre-configured and custom Datentypen for the BO-Editor	Configuration > Other > Data type	
t_md_dbobject	Hinterlegte Datenbankobjekte (Funktionen, Views, etc.)	Configuration > Database > Database object	
t_md_dbobjecttype	Database object types, see Datenbankobjekte	Configuration > Database > Database object	
t_md_dbsource	Stored source code for Datenbankobjekte	Configuration > Database > Database object source code	
t_md_dbtype			
t_md_dummy			
t_md_dynamicentity	all configured data sources of type dynamisches Businessobjekt	Configuration > Data sources > Dynamic business object	
t_md_dynamicentityusage			
t_md_dynamictasklist	all configured data sources of type dynamische Taskliste	Configuration > Data sources > Dynamic task list	
t_md_dynamictasklist_usage			
t_md_entity	all via the BO-Editor angelegten Businessobjekte	Configuration > Business object	
t_md_entity_field	all attributes of the ones defined via the BO-Editor angelegten Businessobjekte	Configuration > Business object	
t_md_entity_field_custom			
t_md_entity_field_group	all stored Attributgruppen	Configuration > Other > Attribute group	
t_md_entity_generic_fieldmap	Field assignments of generischen Implementierungen	Configuration > Rule sets > Generic implementation	
t_md_entity_generic_impl	all configured generischen Implementierungen	Configuration > Rule sets > Generic implementation	
t_md_entity_laf_parameter	all configured Look & Feel Parameter		
t_md_entity_menu	action-specific menu entries (see step 5, "Define context and actions" in the BO-Editor)	Configuration > Business object	
t_md_entity_subnodes	Baumkonfiguration for reference fields in the BO-Editor		
t_md_entitycontext			
t_md_entity_relation			
t_md_generation	all stored Objektgeneratoren	Configuration > Object generator	

t_md_generation_attribute	Attribute assignment in Objektgeneratoren ("Attributes to adopt")	Configuration > Object generator	
t_md_generation_subentity	BO assignment in Objektgeneratoren ("Subforms to adopt")	Configuration > Object generator	
t_md_generation_subentity_attr	Attribute assignment per BO assignment in Objektgeneratoren ("Subforms to adopt")	Configuration > Object generator	
t_md_generation_usage	the usages of the stored Objektgeneratoren	Configuration > Object generator	
t_md_import	Structure definitionen for the CSV import	Configuration > Import & Export > Structure definition	
t_md_importattribute	Attribute assignment per Structure definition	Configuration > Import & Export > Structure definition	
t_md_importexport			
t_md_importexport_messages			
t_md_importfeidentifier	Identifier for referenced records in a Structure definition	Configuration > Import & Export > Structure definition	
t_md_importfile	all as Object import stored CSV imports	Configuration > Import & Export > Object import	
t_md_importidentifier	Record identifier per Structure definition resp. XML structure definition	Configuration > Import & Export > Structure definition Configuration > Import & Export > XML structure definition	
t_md_importusage			
t_md_jobcontroller	Here you find the entries from the Jobsteuerung .	Administration > Jobsteuerung	
t_md_jobcontroller_param_value	mandator-specific Nuclet parameters in the Jobsteuerung	Administration > Jobsteuerung	
t_md_jobdbobject	for a job of the Jobsteuerung stored DB procedures/functions	Administration > Jobsteuerung	
t_md_jobmandator	Mandator assignment in Jobsteuerung	Administration > Jobsteuerung	
t_md_jobnotification			
t_md_jobqueue	all configured Job queues	Administration > Job queue	
t_md_jobrun	all executed job runs (left side in "Log Info" in Job control)	Administration > Jobsteuerung	
t_md_jobrun_messages	the log messages from the executed job runs ("Log Info" in Job control, right side)	Administration > Jobsteuerung	
t_md_layout	all stored Layouts	Configuration > Layout	
t_md_layoutusage	Layout usages per Layouts	Configuration > Layout	
t_md_locale			
t_md_localeresource	Menu entries, labels, etc. per application language, see Sprachen / Internationalisierung		
t_md_mandator	all configured mandators, see Mandantenwesen	Administration > Mandator	Benutzername > Mandator
t_md_mandator_accessible			
t_md_mandator_level	Hierarchy between mandators in the Mandantenwesen	Administration > Mandator	
t_md_mandator_param_value	mandator-specific Nuclet parameters, see Mandantenwesen	Administration > Mandator	
t_md_mandator_resource	mandator-specific resources, see Mandantenwesen	Administration > Mandator	
t_md_mandator_role_user	Mandator assignment per user group	Administration > Benutzergruppe	
t_md_mandator_user	Mandator assignment per user	Administration > Users	
t_md_nuclet_integrfield	Attribute assignments in the Integrationspunkten	Configuration > Integration point	
t_md_nuclet_integrpoint	all configured Integrationspunkte	Configuration > Integration point	
t_md_nuclet_integrproblem	Errors and problems in the Integrationspunkten	Configuration > Integration point	

t_md_nuclet_dependence	Hierarchy between the stored Nuclets, see Nuclet-Management	Configuration > Nuclet	
t_md_nuclet_extension	third-party Java libraries included as Nuclet extensions, see Nuclet-Management	Configuration > Nuclet	
t_md_nucletimport	History of all Nuclet imports in this Nuclos instance	Configuration > Nuclet	
t_md_nucletimport_file	History of all imported Nuclets in this Nuclos instance	Configuration > Nuclet	
t_md_nucletparameter	Nuclet parameters per Nuclet, see Nuclet-Management	Configuration > Nuclet	
t_md_nucletreleasenote	Release notes per Nuclet version, see Nuclet-Management	Configuration > Nuclet	
t_md_passwordhistory	Password history per Nuclos user		
t_md_preference	Column settings per BO, subform and user-defined web-client search filters		<i>Benutzername > Manage settings</i>
t_md_preference_selected			
t_md_process	all stored Nuclos-Aktionen	Configuration > Other > Action	
t_md_recordgrant	all configured Datensatzfreigaben		
t_md_recordgrantusage		Configuration > Data sources > Record sharing	
t_md_relationtype	Beziehungsarten	Configuration > Other > Relationship type	
t_md_resource	als Ressourcen stored image files, etc.	Configuration > Other > Resource	
t_md_role	all configured Benutzergruppen	Administration > Benutzergruppe	
t_md_role_action	general permissions per user group (tab "Permissions")	Administration > Benutzergruppe	
t_md_role_attributgroup	Permissions per attribute group in Statusmodellen	Configuration > State model	
t_md_role_generation	Permissions to run object generators	Administration > Benutzergruppe	
t_md_role_masterdata	Permissions on business objects *without* a state model (tab "Master data rights")	Administration > Benutzergruppe	
t_md_role_module	Permissions on business objects with Statusmodell (Tabreiter "Modulrechte")	Administration > Benutzergruppe	
t_md_role_preference	Permissions on column settings and search filters (tab "Settings")	Administration > Benutzergruppe	
t_md_role_recordgrant	Assignment of record shares (tab "Record shares")	Administration > Benutzergruppe	
t_md_role_report	Permission to run reports and forms (tab "Reports")	Administration > Benutzergruppe	
t_md_role_servercode	Permissions on server rules, i.e. REST rules (tab "REST rules")	Administration > Benutzergruppe	
t_md_role_subform	Permissions per subform in Statusmodellen	Configuration > State model	
t_md_role_subformgroup	Permissions per attribute group for subforms in Statusmodellen	Configuration > State model	
t_md_role_transition	Permissions on state transitions, see Statusmodelle	Configuration > State model	
t_md_role_user	User-group assignment per user	Administration > Users Administration > Benutzergruppe	
t_md_role_workspace	Assignment of workspaces (tab "Workspaces")	Administration > Benutzergruppe	
t_md_servercode	all stored server rules	Configuration > Rule sets > Rules (server-side)	
t_md_servercode_import	Server-rule assignments to connectors ("<System> > Connector")	Configuration > Server rule manager	
t_md_servercode_entity	Server-rule assignment per business object, see Server rule manager	Configuration > Server rule manager	
t_md_servercode_generation	Server-rule assignment per object generator, see Objektgeneratoren and Server rule manager	Configuration > Object generator Configuration > Server rule manager	
t_md_servercode_job	Server-rule assignment per background job, see Jobsteuerung and Server rule manager	Administration > Jobsteuerung Configuration > Server rule manager	
t_md_servercode_transition	Server-rule assignment per state transition, see Statusmodelle	Configuration > Server rule manager Configuration > State model	

t_md_state	all statuses of the stored Statusmodelle	Configuration > State model	
t_md_state_mandatorycolumn			
t_md_state_mandatoryfield	Definition of the status-dependent mandatory fields, see Statusmodelle	Configuration > State model	
t_md_state_transition	the state transitions or changes in the Statusmodellen	Configuration > State model	
t_md_statemodel	all configured Statusmodelle	Configuration > State model	
t_md_tasklist	all on dynamischen Tasklisten basierenden Aufgabenlisten	Administration > Aufgabenlisten	
t_md_tasklist_role	User-group assignment for the Aufgabenlisten	Administration > Aufgabenlisten	
t_md_user	the Users this Nuclos instance	Administration > Users	<i>cogwheel</i> > Users
t_md_user_comaccount			
t_md_user_setting			
t_md_valuelistprovider	the data sources of all stored Valuelist-Provider	Configuration > Data sources > Value list provider	
t_md_webaddon	all stored Web-Addons	Configuration > Web add-on	<i>wrench</i> > Webbadon
t_md_webaddon_file	the files of the stored Web-Addons	Configuration > Web add-on	
t_md_webaddon_property	the properties of the stored Web-Addons	Configuration > Web add-on	
t_md_webaddon_resultlist	the result lists of the stored Web-Addons	Configuration > Web add-on	
t_md_webservice	all stored Webservices	Administration > Webservice	
t_md_workspace	all configured workspaces or Workspaces		
t_md_xmlimport	Structure definitionen for the XML import	Configuration > Import & Export > XML structure definition	
t_md_xmlimportattribute	Attribute assignment per XML-Structure definition		
t_md_xmlimportfeidentifier	Identifier for referenced records in a XML-Structure definition		
t_md_xmlimportfile	all as Object import stored XML imports	Configuration > Import & Export > XML file import	
t_ud_chart	all for Diagramme stored Data sources	Configuration > Data sources > Chart	
t_ud_chartsusage			
t_ud_datasource	all general ones and those stored for Jasper reporting (reports & forms) Data sources	Configuration > Data sources > Report & form	
t_ud_datasourceusage			
t_ud_documentfile	All document and file attachments are stored here.		
t_ud_documentfile_link	Junction table between business object and file attachment.		
t_ud_entityobject_relation			
t_ud_genericobject	Assignment of records from BOs with a state model to their business object		
t_ud_go_comment	generic comments for embedding in subforms (across BOs)		
t_ud_go_document	generic document attachments for embedding in subforms (across BOs)		
t_ud_go_relation	Predecessor/successor relationships resulting from object generators ("Link target object with source object"). Can also be set manually.		
t_ud_go_statehistory	State history per record for all business objects with a state model, see Detail maske or Detailmasken-Detail		
t_ud_history	Here the historized data is stored (for all BOs for which historization is enabled). Activation takes place in the BO-Editor in step 2 "General properties" and at attribute level.		
t_ud_lock	Through the Locking logic locked records with owner		
t_ud_logbook			

t_ud_printservice	all configured Druckdienste	Administration > Druckdienst	
t_ud_printservice_tray	all entries from "Slots" in the configured Druckdiensten	Administration > Druckdienst	
t_ud_report	Here you find all defined Reports and forms, see also under Reporting .	Configuration > Report > Form Configuration > Report > Report	
t_ud_reportgroup	all stored report groups for grouping Reports	Configuration > Other > Report group	
t_ud_reportoutput	all print profiles of reports and forms, see Reports and c	Configuration > Report > Form Configuration > Report > Report	
t_ud_reportusage	the defined usages of the stored reports and forms, see Reports and Reporting	Configuration > Report > Form Configuration > Report > Report	
t_ud_searchfilter	Here all defined via the rich client Suchfilter stored (see also Create a search filter and Search filters in task list)		
t_ud_searchfilter_role	User-group assignment for Suchfilter	Administration > Suchfilter	
t_ud_searchfilter_user	User assignment for Suchfilter	Administration > Suchfilter	
t_ud_subreport	all in the reports and forms defined subreports, see also Report	Configuration > Report > Form Configuration > Report > Report	
t_ud_timelimittask			

Related pages



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Database.

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