

DataSync Agent field type mappings

Gold

To ensure data is formatted correctly, the DataSync agent will map ServiceNow field types to Database field types. Consult the table below to see how ServiceNow field types are mapped for supported databases.

SQL Server

ServiceNow Field Type	Database Field Type
address	NVARCHAR
auto_increment	BIGINT
auto_number	NVARCHAR
boolean	BIT
catalog_preview	NVARCHAR
char	NVARCHAR
choice	NVARCHAR
collection	NVARCHAR
color	NVARCHAR
color_display	NVARCHAR
composite_name	NVARCHAR
compressed	NVARCHAR
condition_string	NVARCHAR
conditions	NVARCHAR
counter	NVARCHAR
currency	FLOAT
date	DATE
datetime	DATETIME2
day_of_week	BIGINT
days_of_week	NVARCHAR
decimal	FLOAT
default	NVARCHAR
document_id	NVARCHAR
documentation_field	NVARCHAR
domain_id	NVARCHAR
domain_number	FLOAT
domain_path	NVARCHAR
double	FLOAT
due_date	DATETIME2
email	NVARCHAR
email_script	NVARCHAR

external_names	NVARCHAR
field_list	NVARCHAR
field_name	NVARCHAR
float	FLOAT
glide_action_list	NVARCHAR
glide_date	DATE
glide_date_time	DATETIME2
glide_duration	DATETIME2
glide_encrypted	NVARCHAR
glide_list	NVARCHAR
glide_percise_time	NVARCHAR
glide_time	DATETIME2
glide_var	NVARCHAR
GUID	NVARCHAR
html	NVARCHAR
html_script	NVARCHAR
id	NVARCHAR
image	NVARCHAR
index_name	NVARCHAR
int	NVARCHAR
integer	BIGINT
integer_date	BIGINT
integer_time	BIGINT
internal_type	NVARCHAR
ip_address	NVARCHAR
journal	NVARCHAR
journal_input	NVARCHAR
journal_list	NVARCHAR
long	NVARCHAR
mask_code	NVARCHAR
metric_absolute	FLOAT
metric_counter	FLOAT
metric_derive	FLOAT
metric_gauge	FLOAT
mid_config	NVARCHAR
month_of_year	BIGINT
multi_small	NVARCHAR
multi_two_lines	NVARCHAR
name_values	NVARCHAR
nl_task_init	BIGINT
number	BIGINT

numeric	BIGINT
order_index	BIGINT
password2	NVARCHAR
password	NVARCHAR
percent_complete	FLOAT
phone	NVARCHAR
ph_number	NVARCHAR
phone_number	NVARCHAR
phone_number_e164	NVARCHAR
picklist	NVARCHAR
price	FLOAT
radio	NVARCHAR
reference	NVARCHAR
reference_name	NVARCHAR
related_tags	NVARCHAR
reminder_field_name	NVARCHAR
repeat_count	BIGINT
repeat_type	NVARCHAR
replication_payloads	NVARCHAR
schedule_date_time	DATETIME2
schedule_interval_count	BIGINT
script	NVARCHAR
script_plain	NVARCHAR
short_field_name	NVARCHAR
short_table_name	NVARCHAR
slush_bucket	NVARCHAR
slushbucket	NVARCHAR
source_id	NVARCHAR
source_name	NVARCHAR
source_table	NVARCHAR
string	NVARCHAR
string_boolean	NVARCHAR
sys_class_name	NVARCHAR
sys_domain_increment	FLOAT
sysevent_name	NVARCHAR
sysrule_field_name	NVARCHAR
table_name	NVARCHAR
template_value	NVARCHAR
textarea	NVARCHAR
time	DATETIME2
timer	DATETIME2

translated	NVARCHAR
translated_field	NVARCHAR
translated_html	NVARCHAR
translated_text	NVARCHAR
tree_code	NVARCHAR
tree_path	NVARCHAR
url	NVARCHAR
user_image	NVARCHAR
user_input	NVARCHAR
user_roles	NVARCHAR
varchar	NVARCHAR
variable_conditions	NVARCHAR
variables	NVARCHAR
version	NVARCHAR
video	NVARCHAR
week_of_month	BIGINT
wiki_text	NVARCHAR
wms_job	NVARCHAR
work_flow	NVARCHAR
xml	NVARCHAR

To configure database type sizes, see [DataSync Agent CLOB configuration](#).

Similar topics

- [Change data types](#)
- [DataSync Agent field type mappings](#)
- [Monitoring DataSync Agent logs](#)
- [Skip altering of database tables](#)
- [Specify Working Directories for Agent Files](#)

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