

# DB Tables subjects

Schema: subject

## DB table person [↗](#)

<b>Name NL</b>	Natuurlijke personen (PRS)
<b>Explanation</b>	<p>For many processes we need subjects. These subjects can be persons.</p> <p>We chose to add separate tables for persons and companies (branches included). Both tables have id as a key. This number will be unique over both the tables so that we can make api's to get a subject with only this id. We want this unique key so that we can use optimistic locking (check after update). This table will not have history. If users want to see what's changed, they can see that in the mutation logging.</p>
<b>Functional Key</b> (Implement as Unique key)	id
<b>Implementation</b>	<a href="#">🔖 ROS-12728: [BE][SUB] As a civil servant I want to create tables for subject - person table</a> <span>CLOSED</span>

## Attributes [↗](#)

Eng name	Type	Not null	Contra ints	NL name	remarks
id	Uuid	True		id	
source	Varchar(6 )	True	see remarks	bron	GBA MANUAL
bsn	varchar(9)	false	[0-9]{9}	burgerservicenummer	Content must meet the 11-proef
anp_id	varchar(17 )	false	[0-9]{17}	anp.identificatie	
last_name	varchar(200)	false		geslachtsnaam	
last_name_prefix	varchar(10)	false		voorvoegselGeslachtsnaam	
initials	varchar(20)	false		voorletters	

Indication_of_name_usage	varchar(1)	false	[ENVP]	aanduidingNaamgebruik	
name_notification_prefix	varchar(10)	false		voorvoegselNaamAanschrijving	
salutation_notification	varchar(50)	false		aanhefAanschrijving	
name_notification	varchar(200)	false		naamAanschrijving	
gender_designation	varchar(1)	false	[MVOX]	geslachtsaanduiding	
date_of_birth	varchar(8)	false	[0-9]{8}	geboortedatum	Can be incomplete, only year, or month and year
date_of_death	varchar(8)	false	[0-9]{8}	overlijdensdatum	Can be incomplete, only year, or month and year
indication_secret	varchar(1)	false	[0-7]{1}	indicatieGeheim	
phone	varchar(25)	false	[0..9]{25}	telefoonnummer	
email	varchar(50)	false		email adres	
local_id_nen3610	varchar(40)	false		NEN_3610	
authorized_person_id	Uuid	false		subject id Gemachtigde	
civision_SUBNUM	varchar(8)	true	[0-9]{8}	civision subject nummer	filled with subnum from CiVision

## Foreign Key relations [🔗](#)

Field	Gerelated Entity	Relation NL	Relation ENG	Mandatory/ Optional	Remarks
authorized_person_id	person	heeft gemachtigde	has authorized person	Optional	

## Domains: [🔗](#)

field	value	description NL	discription ENG
indication_of_name_usage	E	Eigen geslachtsnaam	Own last name
	N	Eigen geslachtsnaam- geslachtsnaam partner	Own last name – partner last name
	V	Geslachtsnaam partner	Partner last name
	P	Geslachtsnaam partner – eigen geslachtsnaam	Partner last name = partner last name

field	value	description NL	discription ENG
gender_designation	M	Man	Man
	V	Vrouw	women
	O	(still) Unknown	(nog) onbekend
	X	Neutral	neutral

field	value	description NL	discription ENG
indication_secret	0	geen beperking	No limitation
	1	niet zonder toestemming aan derden ter uitvoering van een algemeen verbindend voorschrift	Not without permission to third parties in implementation of a generally binding regulation
	2	niet aan kerken	Not to churches
	3	niet aan vrije derden	Not to free third parties
	4	niet zonder toestemming aan derden ter uitvoering van een algemeen verbindend voorschrift en niet aan kerken	Not without permission to third parties in implementation of a generally binding regulation and not to churches
	5	niet zonder toestemming aan derden ter uitvoering van een algemeen verbindend voorschrift en niet aan vrije derden	Not without permission to third parties in implementation of a generally binding regulation and not to free third parties

	6	niet aan kerken en niet aan vrije derden	Not to churches and not to free third parties
	7	niet zonder toestemming aan derden ter uitvoering van een algemeen verbindend voorschrift en niet aan vrije derden en niet aan kerken	Not without permission to third parties in implementation of a generally binding regulation and not to churches and not to free third parties

## Contrains: [🔗](#)

Fields	checks	message
bsn anp_id	<ul style="list-style-type: none"> <li>one of the fields must be filled.</li> <li>both fields are not allowed to be filled</li> </ul>	<ul style="list-style-type: none"> <li>bsn of anp.identificatie moet gevuld zijn</li> <li>bsn en anp.identificatie mogen niet beide gevuld zijn</li> </ul>
bsn	<p>The bsn contains 9 digits; 8 digits are provided with a leading zero.</p> <p>bsn must be &gt; 100000000</p> <p>The bsn must meet the 11-proef:</p> <p>if the bsn is represented by ABCDEFGHI, then <math>(9 \times A) + (8 \times B) + (7 \times C) + (6 \times D) + (5 \times E) + (4 \times F) + (3 \times G) + (2 \times H) + (-1 \times I)</math> must be a multiple of 11.</p>	bsn voldoet niet aan 11-proef
authorized_person_id	<ul style="list-style-type: none"> <li>The authorized person must be another person than the person itself (id &lt;&gt; id from this subject)</li> </ul>	Gemachtigde is gelijk aan subject
email	<ul style="list-style-type: none"> <li>spaces are not allowed</li> <li>'~!#\$%^&amp;*()=}{[\ :;'"?&gt;&lt;',' these characters are not allowed</li> <li>there must be at least 1 character before the @</li> <li>@ may only occur once</li> <li>there must be at least 1 character after the @</li> <li>. is not allowed to be right after the @</li> <li>there must be a . after the @</li> <li>there must be at least 2 characters after the .</li> </ul>	email adres is niet correct

## DB Table company [🔗](#)

<b>Name NL</b>	Niet Natuurlijke personen (NNP) en Vestigingen (VES)
<b>Explanation</b>	<p>For many processes we need subjects. These subjects can be companies or branches.</p> <p>We chose to add separate tables for persons and companies (branches included). Both tables have id as a key. This number will be unique over both the tables so that we can make api's to get a subject with</p>

	only this id. We want this unique key so that we can use optimistic locking (check after update). This table will not have history. If clients want to see what's changed, they can see that in the mutation logging.
<b>Functional Key</b> (Implement as Unique key)	id
<b>Implementation</b>	<a href="#">ROS-12907: [BE][SUB] As a civil servant I want to create tables for subject - company table</a> <span>CLOSED</span>

## Attributes [🔗](#)

Eng name	Type	Not null	Constraints	NL name	remarks
id	Uuid	True		id	
source	Varchar(6)	True		bron	HR MANUAL
rsin	Int4	false		rsin	Content must meet the 11-proef
inp_id	varchar(17)	false	[0-9]{17}	inp.identificatie	
kvk_number	varchar(8)	false	[0-9]{8}	Kvk nummer	
establishment_number	Int4	false		vestigingsnummer	
indication_main_branch	boolean	false		indicatie hoofdvestiging	
statutory_name	varchar(140)	false		statutaire naam	
trade_name	varchar(140)	true		handelsnaam	
start_date	date	false		Ingangsdatum	
end_date	date	false		einddatum	
legal_type	varchar(80)	false		rechtsvorm	
phone	varchar(25)	false	[0..9]{25}	telefoonnummer	
email	varchar(50)	false		email adres	

local_id_nen3610	varchar(40)	false		NEN_3610	
main_branch_id	Uuid	false		id hoofd vestiging	mandatory when indication_main_branch = false
civision_SUBNUM	varchar(8)	true	[0-9]{8}	civision subject nummer	filled with subnum from CiVision

## Foreign Key relations [↗](#)

Field	Gerelated Entity	Relation NL	Relation ENG	Mandatory/ Optional	Remarks
main_branch_id	company	heeft hoofdvestiging	has main branch	Optional	mandatory when indication_main_branch = false

## Contrains: [↗](#)

Fields	checks	message
rsin inp_id	<ul style="list-style-type: none"> <li>one of the fields must be filled.</li> <li>both fields are not allowed to be filled</li> </ul>	<ul style="list-style-type: none"> <li>rsin of inp.identificatie moet gevuld zijn</li> <li>rsin en inp.identificatie mogen niet beide gevuld zijn</li> </ul>
rsin	<p>The rsin contains 9 digits; 8 digits are provided with a leading zero.</p> <p>rsin must be &gt; 100000000</p> <p>The rsin must meet the 11-proef:</p> <p>if the rsin is represented by ABCDEFGHI, then <math>(9 \times A) + (8 \times B) + (7 \times C) + (6 \times D) + (5 \times E) + (4 \times F) + (3 \times G) + (2 \times H) + (-1 \times I)</math> must be a multiple of 11.</p>	rsin voldoet niet aan 11-proef
main_branch_id	<ul style="list-style-type: none"> <li>The subject added here must be a main branch (indication_main_branch = true)</li> <li>mandatory when indication_main_branch = false</li> </ul>	<ul style="list-style-type: none"> <li>subject is geen hoofdvestiging</li> <li>hoofdvestiging is verplicht bij een vestiging</li> </ul>
email	<ul style="list-style-type: none"> <li>spaces are not allowed</li> <li>'~!#\$%^&amp;*()=}{[\ :;'"?&gt;&lt;',' these characters are not allowed</li> <li>there must be at least 1 character before the @</li> <li>@ may only occur once</li> <li>there must be at least 1 character after the @</li> <li>. is not allowed to be right after the @</li> <li>there must be a . after the @</li> </ul>	email adres is niet correct

- there must be at least 2 characters after the .

## DB table address [↗](#)

<b>Name NL</b>	adres
<b>Explanation</b>	<p>We also chose to add a separate table for address. Only the address table will contain history so that we know where the subject was established in time. The address will have a relation to the subject. The address is 1-1 relation to the subject.</p> <p>This table will contain:</p> <ul style="list-style-type: none"> <li>• BAG addresses; when the bag address is in the service area only the bagid will be filled otherwise also the other fields will be filled.</li> <li>• addresses abroad,</li> <li>• po box/reply addresses.</li> </ul>
<b>Functional Key</b> (Implement as Unique key)	
<b>Implementation</b>	<p><a href="#">ROS-12908: [BE][SUB] As a civil servant I want to create tables for subject - address table</a> <span>CLOSED</span></p> <p>Address could be included as local entity in subject</p> <p>Advantage of this is:</p> <ul style="list-style-type: none"> <li>• update valid_to with a new address in 1 transaction</li> <li>• optimistic locking on subject level</li> </ul> <p>The challenge is to divide the subject into person and company</p>

## Attributes [↗](#)

Eng name	Type	Not null	Constraints	NL name	remarks
id	Uuid	True		id	Technical primary key for record (for internal use)
subject_id	Uuid	True		subject id	can be the ID of a company or person
valid_from	Timestamptz	True		beginGeldigheid	
valid_to	Timestamptz	false		eindGeldigheid	
address_purpose	varchar(24)	true	see remarks	doel adres	MAIN CORRESPONDENCE SOURCE CORRESPONDENCE INTERNAL
address_type	varchar(1)	false	[LIPB]	adrestype	
bagid	varchar(16)	false	[0..9]{16}	identificatieNummeraanduiding	mandatory when address_type = L or I

city_name	varchar(80)	false		woonplaatsnaam	only filled and mandatory when address_type = L or P
postal_code	varchar(16)	false	[1-9][0-9]{3}[A-Z]{2}	postcode	only filled when address_type = L or P
public_space_name_auth	varchar(80)	false		openbareRuimteNaam	only filled and mandatory when address_type = L
public_space_name	varchar(24)	false		Straatnaam	only filled when address_type = L
house_number	Int4	false		huisnummer	only filled and mandatory when address_type = L
house_letter	varchar(1)	false	[a-zA-Z]	Huisletter	only filled when address_type = L
house_number_addition	varchar(4)	false	[a-zA-Z0-9]{1,4}	Huisnummertoevoeging	only filled when address_type = L
location_description	varchar(40)	false		locatieomschrijving	only filled when address_type = L or I
country_name	varchar(40)	false	capital letters	Landnaam	only filled and mandatory when address_type = B
address_abroad_1	varchar(35)	false		adresBuitenland1	only filled and mandatory when address_type = B
address_abroad_2	varchar(35)	false		AdresBuitenland2	only filled and mandatory when address_type = B
address_abroad_3	varchar(35)	false		AdresBuitenland3	only filled when address_type = B
po_box_or_reply_number	Int4	false	1 - 99999	postbusOfAntwoordnummer	only filled and mandatory when address_type = P
mailing_address_type	varchar(1)	false	[AP]	postadresType	only filled and mandatory when address_type = P

## Foreign Key relations [🔗](#)

Field	Gerelated Entity	Relation NL	Relation ENG	Mandatory/ Optional	Remarks
subject_id	company or person	adres van subject	address belongs to subject	mandatory	mandatory that the address is related to a company or person



**Domains:** [↗](#)

field	value	description NL	discription ENG
address_type	L	Locatie adres buiten verzorgingsgebied	Location address outside service area
	I	Locatie adres binnen verzorgingsgebied	Location address inside service area
	P	Postbusadres	Po box or reply_number
	B	Buitenlands adres	Address abroad

field	value	description NL	discription ENG
mailing_address_type	A	Antwoordnummer	Reply_number
	P	Postbusnummer	Po box