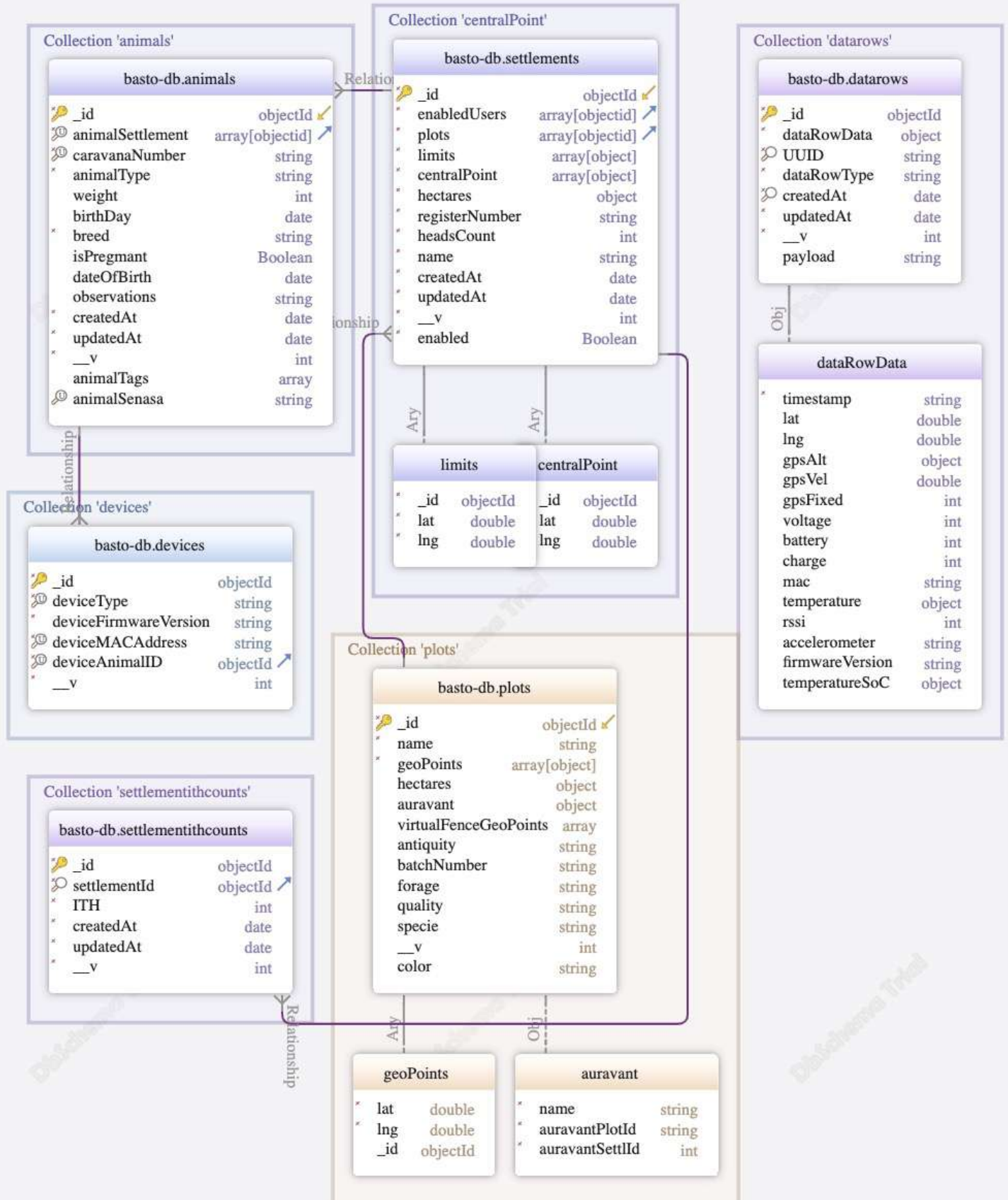


Main Layout

BASTO DB













Comments as mouse-over tips, zoom and pan.
by DbSchema.com - Wise Coders



Database basto-db

Collection basto-db.animals

Idx	Field Name	Data Type
* 	_id	objectId
* 	animalSettlement	array[objectId]
* 	caravanaNumber	string
*	animalType	string
	weight	int
	birthDay	date
*	breed	string
	isPregmant	Boolean
	dateOfBirth	date
	observations	string
*	createdAt	date
*	updatedAt	date
*	__v	int
	animalTags	array
	animalSenasa	string
Indexes		
	_id_	ON _id
	caravanaNumber_1_animalSettlement_1	ON caravanaNumber, animalSettlement
	animalSenasa_1_animalSettlement_1	ON animalSenasa, animalSettlement
Virtual Relation		
	Relationship	animalSettlement ↗ basto-db.settlements (_id)
Referring Virtual Relation		
	Relationship	_id ✓ basto-db.devices (deviceAnimalID)
	Relationship	_id ✓ basto-db.events (animal)
	Relationship	_id ✓ basto-db.settlementanimalcounts (animalIds)

Collection basto-db.datarows

Idx	Field Name	Data Type	Description
* 🔑	_id	objectId	
*	rowData	object	
*	rowData.timestamp	string	rowData.type: BATTERY, GPS, BEACON
	rowData.lat	double	rowData.type: GPS
	rowData.lng	double	rowData.type: GPS
	rowData.gpsAlt	object	rowData.type: GPS
	rowData.gpsVel	double	rowData.type: GPS
	rowData.gpsFixed	int	rowData.type: GPS
	rowData.voltage	int	rowData.type: BATTERY
	rowData.battery	int	rowData.type: BATTERY, BEACON
	rowData.charge	int	rowData.type: BATTERY
	rowData.mac	string	rowData.type: BEACON
	rowData.temperature	object	rowData.type: BEACON
	rowData.rssi	int	rowData.type: BEACON
	rowData.accelerometer	string	rowData.type: BEACON
	rowData.firmwareVersion	string	rowData.type: BEACON
	rowData.temperatureSoC	object	rowData.type: BEACON
* 🔑	UUID	string	
*	rowData.type	string	
* 🔑	createdAt	date	
*	updatedAt	date	
*	__v	int	
	payload	string	
Indexes			
🔑	_id_	ON _id	
🔍	UUID_1_createdAt_1	ON UUID, createdAt	
Referring Virtual Relation			
🔧	JSon	rowData < 🔗 rowData()	

Collection basto-db.datarows

Idx	Field Name	Data Type	Description
* 🔑	_id	objectId	
*	rowData	object	
*	rowData.timestamp	string	rowData.type: BATTERY, GPS, BEACON
	rowData.lat	double	rowData.type: GPS
	rowData.lng	double	rowData.type: GPS
	rowData.gpsAlt	object	rowData.type: GPS
	rowData.gpsVel	double	rowData.type: GPS
	rowData.gpsFixed	int	rowData.type: GPS
	rowData.voltage	int	rowData.type: BATTERY
	rowData.battery	int	rowData.type: BATTERY, BEACON
	rowData.charge	int	rowData.type: BATTERY
	rowData.mac	string	rowData.type: BEACON
	rowData.temperature	object	rowData.type: BEACON
	rowData.rssi	int	rowData.type: BEACON
	rowData.accelerometer	string	rowData.type: BEACON
	rowData.firmwareVersion	string	rowData.type: BEACON
	rowData.temperatureSoC	object	rowData.type: BEACON
* 🔑	UUID	string	
*	rowData.type	string	
* 🔑	createdAt	date	
*	updatedAt	date	
*	__v	int	
	payload	string	
Indexes			
🔑	_id_	ON _id	
🔍	UUID_1_createdAt_1	ON UUID, createdAt	
Referring Virtual Relation			
🔧	JSon	rowData < 🔗 rowData()	

Collection basto-db.devices

Idx	Field Name	Data Type
*🔑	_id	objectId
*🔗	deviceType	string
*	deviceFirmwareVersion	string
*🔗	deviceMACAddress	string
*🔗🔗	deviceAnimalID	objectId
*	__v	int
Indexes		
🔑	_id_	ON _id
🔗	deviceMACAddress_1	ON deviceMACAddress
🔗	deviceType_1_deviceAnimalID_1	ON deviceType, deviceAnimalID
🔗	deviceAnimalID_1	ON deviceAnimalID
Virtual Relation		
🔗🔗	Relationship	deviceAnimalID ↗ basto-db.animals (_id)

Collection basto-db.plots

Idx	Field Name	Data Type
*🔑🔗	_id	objectId
*	name	string
*	geoPoints	array[object]
*	geoPoints.lat	double
*	geoPoints.lng	double
	geoPoints._id	objectId
	hectares	object
	auravant	object
*	auravant.name	string
*	auravant.auravantPlotId	string
*	auravant.auravantSettId	int
	virtualFenceGeoPoints	array
	antiquity	string
	batchNumber	string
	forage	string
	quality	string
	specie	string
	__v	int
	color	string
Indexes		
🔑	_id_	ON _id
Referring Virtual Relation		
🔗	JSon	geoPoints ↖ geoPoints ()
🔗	JSon	auravant ↖ auravant ()
🔗🔗	Relationship	_id ↖ basto-db.settlements (plots)

Collection basto-db.settlementithcounts

Idx	Field Name	Data Type
*🔑	_id	objectId
*🔗	settlementId	objectId
*	ITH	int
*	createdAt	date
*	updatedAt	date
*	__v	int
Indexes		
🔑	_id_	ON _id
🔗	settlementId_1	ON settlementId
Virtual Relation		
🔗🔗	Relationship	settlementId ↗ basto-db.settlements(_id)

Collection basto-db.settlements

Idx	Field Name	Data Type
*🔑	_id	objectId
*🔗	enabledUsers	array[objectId]
*🔗	plots	array[objectId]
*	limits	array[object]
*	limits._id	objectId
*	limits.lat	double
*	limits.lng	double
*	centralPoint	array[object]
*	centralPoint._id	objectId
*	centralPoint.lat	double
*	centralPoint.lng	double
*	hectares	object
*	registerNumber	string
*	headsCount	int
*	name	string
*	createdAt	date
*	updatedAt	date
*	__v	int
*	enabled	Boolean
Indexes		
🔑	_id_	ON _id
Virtual Relation		
🔗🔗	Relationship	plots ↗ basto-db.plots(_id)
🔗🔗	Relationship	enabledUsers ↗ basto-db.users(_id)
Referring Virtual Relation		
🔗	JSon	limits ↖ limits()
🔗	JSon	centralPoint ↖ centralPoint()
🔗🔗	Relationship	_id ↖ basto-db.animals(animaiSettlement)
🔗🔗	Relationship	_id ↖ basto-db.settlementanimalcounts(settlementId)
🔗🔗	Relationship	_id ↖ basto-db.settlementithcounts(settlementId)