



## Main Diagram

Table connected_accounts		
Idx	Name	Data Type
* Pk	id	CHAR(36)
*	external_account_id	VARCHAR(255)
*	access_token	TEXT
*	refresh_token	TEXT
*	token_expires_at	TIMESTAMP
	last_history_id	VARCHAR(255)
	last_polled_at	TIMESTAMP
	polled_cursor	VARCHAR(255)
*	sync_status	ENUM('active','error','revoked') DEFAULT 'active'
*	created_at	TIMESTAMP DEFAULT CURRENT_TIMESTAMP
*	updated_at	TIMESTAMP ON UPDATE CURRENT_TIMESTAMP DEFAULT CURRENT_TIMESTAMP
* Unq	user_id	CHAR(36)
* Unq	service_id	CHAR(36)
Indexes		
Type	Name	On
Pk	pk_connected_accounts	id
Unq	uk_connected_user_service	user_id, service_id
	idx_connected_user	user_id
	idx_connected_service	service_id
Foreign Keys		
Type	Name	On
	fk_connected_service ( service_id ) ref external_services ( id )	
	fk_connected_user ( user_id ) ref users ( id )	

Table external_services		
Idx	Name	Data Type
* Pk	id	CHAR(36)
* Unq	name	VARCHAR(100)
	logo_url	VARCHAR(512)
*	created_at	TIMESTAMP DEFAULT CURRENT_TIMESTAMP
*	updated_at	TIMESTAMP ON UPDATE CURRENT_TIMESTAMP DEFAULT CURRENT_TIMESTAMP
Indexes		

Table external_services		
Type	Name	On
Pk	pk_external_services	id
Unq	uk_external_services_name	name

Table inbox_item_content		
Idx	Name	Data Type
* Pk	inbox_item_id	CHAR(36)
	body_html	MEDIUMTEXT
	body_text	MEDIUMTEXT
	attachments	JSON
	raw_payload	JSON
*	fetches_at	TIMESTAMP
Indexes		
Type	Name	On
Pk	pk_inbox_item_content	inbox_item_id
Foreign Keys		
Type	Name	On
	fk_content_inbox_item ( inbox_item_id ) ref inbox_items ( id )	

Table inbox_items		
Idx	Name	Data Type
* Pk	id	CHAR(36)
* Unq	external_id	VARCHAR(255)
	thread_id	VARCHAR(255)
*	title	VARCHAR(512)
	snippet	VARCHAR(1024)
*	sender_name	VARCHAR(255)
*	sender_identifier	VARCHAR(255)
	sender_avatar_url	VARCHAR(512)
* Idx	received_at	TIMESTAMP
* Idx	unread	BOOLEAN DEFAULT '1'
* Idx	archived	BOOLEAN DEFAULT '0'
*	created_at	TIMESTAMP DEFAULT CURRENT_TIMESTAMP
*	updated_at	TIMESTAMP ON UPDATE CURRENT_TIMESTAMP DEFAULT CURRENT_TIMESTAMP
* Idx	user_id	CHAR(36)
* Unq	connected_account_id	CHAR(36)

Table inbox_items		
Idx	deleted_at	TIMESTAMP
Indexes		
Type	Name	On
Pk	pk_inbox_items	id
Unq	uk_inbox_external	connected_account_id, external_id
	idx_inbox_account_time	connected_account_id, received_at
	idx_inbox_user_state_time	user_id, deleted_at, archived, received_at
	idx_inbox_user_unread_state	user_id, deleted_at, unread, archived
Foreign Keys		
Type	Name	On
	fk_inbox_connected_account ( connected_account_id ) ref connected_accounts ( id )	
	fk_inbox_user ( user_id ) ref users ( id )	

Table sessions		
Idx	Name	Data Type
* Pk	id	CHAR(36)
* Unq	session_token	CHAR(64)
	ip_address	VARCHAR(45)
	user_agent	VARCHAR(512)
*	expires_at	TIMESTAMP
	revoked_at	TIMESTAMP
*	last_accessed_at	TIMESTAMP
*	created_at	TIMESTAMP DEFAULT CURRENT_TIMESTAMP
* Idx	user_id	CHAR(36)
Indexes		
Type	Name	On
Pk	pk_sessions	id
Unq	uk_sessions_token	session_token
	idx_sessions_user	user_id
Foreign Keys		
Type	Name	On
	fk_sessions_user ( user_id ) ref users ( id )	

Table users		
Idx	Name	Data Type
* Pk	id	CHAR(36)

Table users		
*	name	VARCHAR(255)
*	password_hash	VARCHAR(255)
*	created_at	TIMESTAMP DEFAULT CURRENT_TIMESTAMP
*	updated_at	TIMESTAMP ON UPDATE CURRENT_TIMESTAMP DEFAULT CURRENT_TIMESTAMP
Indexes		
Type	Name	On
Pk	pk_users	id