Reservations domain model

HABTM_AssociatedEquipmentModels
- equipment_model_id *integer*

CheckinProcedure
- deleted_at *datetime*
- step *string*

CheckoutProcedure
- deleted_at *datetime*
- step *string*

EquipmentModel
- active *boolean*
- deleted_at *datetime*
- description *text* *
- documentation_content_type *string*
- documentation_file_name *string*
- documentation_file_size *integer*
- documentation_updated_at *datetime*
- late_fee *decimal (10,2)*
- max_per_user *integer*
- max_renewal_length *integer*
- max_renewal_times *integer*
- name *string* *
- photo_content_type *string*
- photo_file_name *string*
- photo_file_size *integer*
- photo_updated_at *datetime*
- renewal_days_before_due *integer*
- replacement_fee *decimal (10,2)*

Category
- deleted_at *datetime*
- max_checkout_length *integer*
- max_per_user *integer*
- max_renewal_length *integer*
- max_renewal_times *integer*
- name *string* *
- renewal_days_before_due *integer*
- sort_order *integer*

Blackout
- blackout_type *text* *
- created_by *integer*
- end_date *date* *
- equipment_model_id *integer*
- notice *text* *
- set_id *integer*
- start_date *date* *

EquipmentObject
- active *boolean*
- deleted_at *datetime*
- name *string* *
- serial *string*

Reservation
- checked_in *datetime*
- checked_out *datetime*
- due_date *datetime* *
- notes *text*
- notes_unsent *boolean*
- start_date *datetime* *
- times_renewed *integer*

Requirement
- contact_info *string* *
- contact_name *string* *
- deleted_at *datetime*
- description *string* *
- notes *text*

User
- affiliation *string* *
- deleted_at *datetime*
- email *string* *
- first_name *string* *
- last_name *string* *
- login *string*
- nickname *string* *
- phone *string* *
- role *string*
- terms_of_service_accepted *boolean*
- view_mode *string*

HABTM_Users
- requirement_id *integer*

HABTM_Requirements
- equipment_model_id *integer* *

HABTM_EquipmentModels
- requirement_id *integer* *

AppConfig
- admin_email *string*
- checkout_persons_can_edit *boolean*
- contact_link_location *string*
- default_per_cat_page *integer*
- delete_missed_reservations *boolean*
- deleted_missed_reservation_email_body *text*
- department_name *string*
- favicon_content_type *string*
- favicon_file_name *string*
- favicon_file_size *integer*
- favicon_updated_at *datetime*
- home_link_location *string*
- home_link_text *string*
- overdue_checkin_email_active *boolean*
- overdue_checkin_email_body *text*
- override_at_checkout *boolean*
- override_on_create *boolean*
- require_phone *boolean*
- reservation_confirmation_email_active *boolean*
- send_notifications_for_deleted_missed_reservations *boolean*
- site_title *string* *
- terms_of_service *text*
- upcoming_checkin_email_active *boolean*
- upcoming_checkin_email_body *text*
- viewed *boolean*

Announcement
- ends_at *datetime* *
- message *text* *
- starts_at *datetime* *