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<pre> #include <stdlib.h> #include "win_main.h" main_win_t* main_win_new() { main_win_t* tmp ; tmp = malloc (sizeof(main_win_t)) ; //CREATION //FenÃtre principale tmp->window = gtk_window_new (GTK_WINDOW_TOPLEVEL); //BOITES tmp->box_principal = gtk_box_new(GTK_ORIENTATION_VERTICAL, 0); tmp->box_up = gtk_box_new(GTK_ORIENTATION_HORIZONTAL, 0); tmp->box_down = gtk_box_new(GTK_ORIENTATION_HORIZONTAL, 0); tmp->box_left = gtk_box_new(GTK_ORIENTATION_VERTICAL, 0); tmp->box_right = gtk_box_new(GTK_ORIENTATION_VERTICAL, 0); tmp->box_video = gtk_box_new(GTK_ORIENTATION_VERTICAL, 0); tmp->box_btn_l = gtk_box_new(GTK_ORIENTATION_HORIZONTAL, 0); tmp->box_info = gtk_box_new(GTK_ORIENTATION_VERTICAL, 0); tmp->box_meta = gtk_box_new(GTK_ORIENTATION_VERTICAL, 0); tmp->box_btn_cam = gtk_box_new(GTK_ORIENTATION_HORIZONTAL, 0); tmp->box_btn_video = gtk_box_new(GTK_ORIENTATION_HORIZONTAL, 0); tmp->box_time = gtk_box_new(GTK_ORIENTATION_VERTICAL, 0); tmp->box_info_time = gtk_box_new(GTK_ORIENTATION_HORIZONTAL, 0); tmp->box_file = gtk_box_new(GTK_ORIENTATION_HORIZONTAL, 0); //GRID tmp->grid_info = gtk_grid_new() ; tmp->grid_meta = gtk_grid_new() ; //OTHER BOX tmp->frame_info = gtk_frame_new("Information Capteurs") ; tmp->frame_meta = gtk_frame_new("Information VidÃ©o") ; //BOUTONS tmp->btn_enregistrer = gtk_button_new_with_label ("Enregistrer"); tmp->btn_info = gtk_button_new_with_label ("Informations"); tmp->btn_camera_more = gtk_button_new (); tmp->img_btn_camera_more = gtk_image_new_from_file ("usr/share/beeterface/images/inter. png"); gtk_button_set_image (GTK_BUTTON (tmp->btn_camera_more), tmp->img_btn_camera _more); tmp->btn_file = gtk_button_new_with_label ("Ouvrir") ; //IMAGES tmp->img_exemple = gtk_image_new_from_file ("usr/share/beeterface/images/video_bee.jpg") ; tmp->img_live = gtk_image_new_from_file ("usr/share/beeterface/images/enregistrer.png") ; //TEXTE tmp->label_title = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_title), "<span foreground='black' font='l </pre>		

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<pre> 6\ ">En live"); tmp->label_combo_auteur = gtk_label_new("Auteur: ") ; tmp->txt_trier_par = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->txt_trier_par), "Trier par:"); tmp->txt_visualiser = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->txt_visualiser), "Visualiser:"); tmp->label_time_beg = gtk_label_new("0:00") ; tmp->label_time_end = gtk_label_new("2:30") ; tmp->label_info = gtk_label_new("Status") ; tmp->label_info_date = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_info_date), "Date "); tmp->label_info_heure = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_info_heure), "Heure "); tmp->label_info_temp_ruche = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_info_temp_ruche), "Temp Ruche "); tmp->label_info_temp_ext = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_info_temp_ext), "Temp Ext "); tmp->label_date = gtk_label_new("ex_date") ; tmp->label_heure = gtk_label_new("ex_heure") ; tmp->label_temp_ruche = gtk_label_new("42Ã°") ; tmp->label_temp_ext = gtk_label_new("51Ã°") ; tmp->label_info_name_ruche = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_info_name_ruche), "Nom Ruche "); tmp->label_info_description = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_info_description), "Description "); tmp->label_info_date = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_info_date), "Date "); tmp->label_info_camera = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_info_camera), "Camera "); tmp->label_info_nruche = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_info_nruche), "Num de Ruche "); tmp->label_info_ncadre = gtk_label_new("") ; gtk_label_set_markup(GTK_LABEL(tmp->label_info_ncadre), "Num de Cadre "); tmp->label_name_ruche = gtk_label_new("Zbeub ") ; tmp->label_description = gtk_label_new("Ficus des neiges ") ; tmp->label_camera = gtk_label_new("Big Brother ") ; tmp->label_nruche = gtk_label_new("Maya ") ; tmp->label_ncadre = gtk_label_new("L'abeille ") ; //AUTRES </pre>		

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	<pre> tmp->sep_part = gtk_separator_new(GTK_ORIENTATION_VERTICAL); tmp->sep_haut = gtk_separator_new(GTK_ORIENTATION_HORIZONTAL); tmp->sep_vid = gtk_separator_new(GTK_ORIENTATION_HORIZONTAL); tmp->sep_fold = gtk_separator_new(GTK_ORIENTATION_HORIZONTAL); tmp->choix_camera = gtk_combo_box_text_new(); gtk_combo_box_text_insert_text ((GtkComboBoxText*) tmp->choix_camera, 1,"Ca mÃ©ra n°1"); gtk_combo_box_text_insert_text ((GtkComboBoxText*) tmp->choix_camera, 2,"Ca mÃ©ra n°2"); gtk_combo_box_text_insert_text ((GtkComboBoxText*) tmp->choix_camera, 3,"Ca mÃ©ra n°3"); tmp->combo_auteur = gtk_combo_box_text_new(); gtk_combo_box_text_insert_text ((GtkComboBoxText*) tmp->combo_auteur, 1,"Seb astien"); gtk_combo_box_text_insert_text ((GtkComboBoxText*) tmp->combo_auteur, 2,"Oliv ia"); gtk_combo_box_text_insert_text ((GtkComboBoxText*) tmp->combo_auteur, 3,"Cap ucine"); gtk_combo_box_text_insert_text ((GtkComboBoxText*) tmp->combo_auteur, 4,"Mat thieu"); tmp->level_bar_time = gtk_level_bar_new_for_interval (0, 100); gtk_level_bar_add_offset_value (GTK_LEVEL_BAR(tmp->level_bar_time), "Milieu", 50); gtk_level_bar_set_value (GTK_LEVEL_BAR(tmp->level_bar_time),50) ; //RANGEMENT gtk_container_add (GTK_CONTAINER (tmp->window), tmp->box_principal); //box principale gtk_box_pack_start (GTK_BOX(tmp->box_principal), tmp->box_up, FALSE, FALS E, 0); gtk_box_pack_start (GTK_BOX(tmp->box_principal), tmp->sep_haut, FALSE, FA LSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_principal), tmp->box_down, FALSE, FA LSE, 0); //box_up gtk_box_pack_start (GTK_BOX(tmp->box_up), tmp->img_live, FALSE, FALSE , 20); gtk_box_pack_start (GTK_BOX(tmp->box_up), tmp->label_title, FALSE, FA LSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_up), tmp->label_combo_auteur, FA LSE, FALSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_up), tmp->combo_auteur, FALSE, F ALSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_up), tmp->btn_info, FALSE, FALSE , 0); //box_down gtk_box_pack_start (GTK_BOX(tmp->box_down), tmp->box_left, TRUE, TRUE , 0); gtk_box_pack_start (GTK_BOX(tmp->box_down), tmp->sep_part, FALSE, FAL SE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_down), tmp->box_right, FALSE, FA LSE, 0); //box_left gtk_box_pack_start (GTK_BOX(tmp->box_left), tmp->box_video, TRUE, </pre>	

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	<pre> TRUE, 0); //box_video gtk_box_pack_start (GTK_BOX(tmp->box_video), tmp->img_exemple , FALSE, FALSE, 0); //box_right gtk_box_pack_start (GTK_BOX(tmp->box_right), tmp->box_info, FALSE , FALSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_right), tmp->box_meta, FALSE , FALSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_right), tmp->box_btn_cam, FA LSE, FALSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_right), tmp->sep_vid, FALSE, FALSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_right), tmp->box_btn_video, FALSE, FALSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_right), tmp->box_time, FALSE , FALSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_right), tmp->box_info_time, FALSE, FALSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_right), tmp->sep_fold, FALSE , FALSE, 0); gtk_box_pack_start (GTK_BOX(tmp->box_right), tmp->box_file, FALSE , FALSE, 0); //Dans box_info gtk_box_pack_start (GTK_BOX(tmp->box_info), tmp->frame_info, FA LSE, FALSE, 0); gtk_container_add (GTK_CONTAINER (tmp->frame_info), tmp->grid_ info); gtk_grid_attach(GTK_GRID (tmp->grid_info),tmp->label_info_date , 1, 1, 1, 1) ; gtk_grid_attach(GTK_GRID (tmp->grid_info),tmp->label_info_heur e, 1, 2, 1, 1) ; gtk_grid_attach(GTK_GRID (tmp->grid_info),tmp->label_info_temp _ext, 1, 3, 1, 1) ; gtk_grid_attach(GTK_GRID (tmp->grid_info),tmp->label_info_temp _ruche, 1, 4, 1, 1) ; gtk_grid_attach(GTK_GRID (tmp->grid_info),tmp->label_date, 2, 1, 1, 1) ; gtk_grid_attach(GTK_GRID (tmp->grid_info),tmp->label_heure, 2, 2, 1, 1) ; gtk_grid_attach(GTK_GRID (tmp->grid_info),tmp->label_temp_ext, 2, 3, 1, 1) ; gtk_grid_attach(GTK_GRID (tmp->grid_info),tmp->label_temp_ruch e, 2, 4, 1, 1) ; //box_meta gtk_box_pack_start (GTK_BOX(tmp->box_meta), tmp->frame_meta, FA LSE, FALSE, 0); gtk_container_add (GTK_CONTAINER (tmp->frame_meta), tmp->grid_ meta); gtk_grid_attach(GTK_GRID (tmp->grid_meta),tmp->label_info_name _ruche, 1, 1, 1, 1) ; gtk_grid_attach(GTK_GRID (tmp->grid_meta),tmp->label_info_desc ription, 1, 2, 1, 1) ; gtk_grid_attach(GTK_GRID (tmp->grid_meta),tmp->label_info_came ra, 1, 3, 1, 1) ; </pre>	

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he, 1, 4, 1, 1) ;	gtk_grid_attach(GTK_GRID (tmp->grid_meta),tmp->label_info_nruc	
re, 1, 5, 1, 1) ;	gtk_grid_attach(GTK_GRID (tmp->grid_meta),tmp->label_info_ncad	
e, 2, 1, 1, 1) ;	gtk_grid_attach(GTK_GRID (tmp->grid_meta),tmp->label_name_ruch	
on, 2, 2, 1, 1) ;	gtk_grid_attach(GTK_GRID (tmp->grid_meta),tmp->label_descripti	
, 3, 1, 1) ;	gtk_grid_attach(GTK_GRID (tmp->grid_meta),tmp->label_camera, 2	
, 4, 1, 1) ;	gtk_grid_attach(GTK_GRID (tmp->grid_meta),tmp->label_nruche, 2	
, 5, 1, 1) ;	gtk_grid_attach(GTK_GRID (tmp->grid_meta),tmp->label_ncadre, 2	
	//box_btn_cam	
ser, FALSE, FALSE, 0);	gtk_box_pack_start(GTK_BOX(tmp->box_btn_cam), tmp->txt_visuali	
a, FALSE, FALSE, 0);	gtk_box_pack_start(GTK_BOX(tmp->box_btn_cam), tmp->choix_camer	
more, FALSE, FALSE, 0);	gtk_box_pack_start(GTK_BOX(tmp->box_btn_cam), tmp->btn_camera_	
	//box_btn_video	
istrer, FALSE, FALSE, 0);	gtk_box_pack_start(GTK_BOX(tmp->box_btn_video), tmp->btn_enreg	
o, FALSE, FALSE, 0);	gtk_box_pack_start(GTK_BOX(tmp->box_btn_video), tmp->label_inf	
	//box_time	
, FALSE, FALSE, 0);	gtk_box_pack_start(GTK_BOX(tmp->box_time), tmp->level_bar_time	
	//box_info_time	
e_beg, FALSE, FALSE, 0);	gtk_box_pack_start(GTK_BOX(tmp->box_info_time), tmp->label_tim	
e_end, FALSE, FALSE, 0);	gtk_box_pack_start(GTK_BOX(tmp->box_info_time), tmp->label_tim	
	//box_file	
E, FALSE, 0);	gtk_box_pack_start(GTK_BOX(tmp->box_file), tmp->btn_file, FALS	
	//PLACEMENT	
	//Window	
enÃ»tre	gtk_window_set_title (GTK_WINDOW (tmp->window), "BEETERFACE"); //Nomme la f	
	gtk_window_set_default_size (GTK_WINDOW (tmp->window), 30, 30) ;	
	gtk_window_unmaximize (GTK_WINDOW (tmp->window));	
	gtk_container_set_border_width (GTK_CONTAINER (tmp->window), 10);	
	//box left	
	gtk_widget_set_margin_top (GTK_WIDGET (tmp->box_btn_cam), 5) ;	
	gtk_widget_set_margin_bottom (GTK_WIDGET (tmp->box_btn_cam), 5) ;	
	gtk_widget_set_margin_top (GTK_WIDGET (tmp->box_info), 20) ;	
	gtk_widget_set_margin_bottom (GTK_WIDGET (tmp->box_info), 5) ;	
	gtk_widget_set_margin_top (GTK_WIDGET (tmp->box_meta), 5) ;	

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	gtk_widget_set_margin_bottom (GTK_WIDGET (tmp->box_meta), 5) ;	
	//btn	
	gtk_widget_set_margin_start (GTK_WIDGET (tmp->btn_info), 5) ;	
	gtk_widget_set_margin_start (GTK_WIDGET (tmp->label_combo_auteur), 650) ;	
	//img_exemple	
	gtk_widget_set_margin_top (GTK_WIDGET (tmp->img_exemple), 5) ;	
	gtk_widget_set_margin_bottom (GTK_WIDGET (tmp->img_exemple), 5) ;	
	gtk_widget_set_margin_end (GTK_WIDGET (tmp->img_exemple), 5) ;	
	//sep	
	gtk_widget_set_margin_bottom (GTK_WIDGET (tmp->sep_haut), 5) ;	
	gtk_widget_set_margin_top (GTK_WIDGET (tmp->sep_haut), 5) ;	
	gtk_widget_set_margin_start (GTK_WIDGET (tmp->sep_part), 5) ;	
	gtk_widget_set_margin_end (GTK_WIDGET (tmp->sep_part), 10) ;	
	gtk_widget_set_margin_top (GTK_WIDGET (tmp->sep_vid), 5) ;	
	gtk_widget_set_margin_bottom (GTK_WIDGET (tmp->sep_vid), 5) ;	
	gtk_widget_set_margin_top (GTK_WIDGET (tmp->sep_fold), 5) ;	
	gtk_widget_set_margin_bottom (GTK_WIDGET (tmp->sep_fold), 5) ;	
	//box_btn_cam	
	gtk_widget_set_margin_end (GTK_WIDGET (tmp->txt_visualiser), 5) ;	
	gtk_widget_set_margin_end (GTK_WIDGET (tmp->choix_camera), 5) ;	
	//Grid info	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_info_temp_ruche), GTK_ALIGN_S	
	TART) ;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_info_temp_ext), GTK_ALIGN_STA	
	RT) ;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_info_date), GTK_ALIGN_START)	
	;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_info_heure), GTK_ALIGN_START	
) ;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_temp_ruche), GTK_ALIGN_START	
) ;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_temp_ext), GTK_ALIGN_START)	
	;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_date), GTK_ALIGN_START) ;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_heure), GTK_ALIGN_START) ;	
	gtk_widget_set_margin_end (GTK_WIDGET (tmp->grid_info), 5) ;	
	gtk_widget_set_margin_start (GTK_WIDGET (tmp->grid_info), 5) ;	
	gtk_widget_set_margin_top (GTK_WIDGET (tmp->grid_info), 5) ;	
	gtk_widget_set_margin_bottom (GTK_WIDGET (tmp->grid_info), 5) ;	
	//Grid meta	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_info_name_ruche), GTK_ALIGN_START	
) ;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_info_description), GTK_ALIGN_STAR	
	T) ;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_info_camera), GTK_ALIGN_START) ;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_info_nruche), GTK_ALIGN_START) ;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_info_ncadre), GTK_ALIGN_START) ;	
	gtk_widget_set_halign (GTK_WIDGET (tmp->label_name_ruche), GTK_ALIGN_START) ;	

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gtk_widget_set_halign ( GTK_WIDGET (tmp->label_description), GTK_ALIGN_START ) ;
gtk_widget_set_halign ( GTK_WIDGET (tmp->label_camera), GTK_ALIGN_START ) ;
gtk_widget_set_halign ( GTK_WIDGET (tmp->label_nruche), GTK_ALIGN_START ) ;
gtk_widget_set_halign ( GTK_WIDGET (tmp->label_ncadre), GTK_ALIGN_START ) ;

gtk_widget_set_margin_end (GTK_WIDGET (tmp->grid_meta), 5 ) ;
gtk_widget_set_margin_start (GTK_WIDGET (tmp->grid_meta), 5 ) ;
gtk_widget_set_margin_top (GTK_WIDGET (tmp->grid_meta), 5 ) ;
gtk_widget_set_margin_bottom (GTK_WIDGET (tmp->grid_meta), 5 ) ;

    //time
    gtk_widget_set_margin_end (GTK_WIDGET (tmp->label_time_beg), 175 ) ;
    gtk_widget_set_margin_bottom (GTK_WIDGET (tmp->level_bar_time), 5 ) ;
    gtk_widget_set_margin_top (GTK_WIDGET (tmp->level_bar_time), 5 ) ;
    gtk_widget_set_margin_start (GTK_WIDGET (tmp->label_info), 5 ) ;

    return tmp ;
}

void main_win_show ( main_win_t* tmp ) {

    gtk_widget_show (tmp->window);
    gtk_widget_show_all (tmp->box_principal);
}

void main_win_del( main_win_t* W ) {
    free(W) ;
}

```