Hemera

UML Class Diagram.

Hemera.App.HemeraApp
- + _instance: HemeraApp
- - version_string: string
- + mainwindow: MainWindow
- + mycroft_connection: Connection
- + mycroft_message_manager: MessageManager
- + app_search_provider: AppSearch
- + main(string[ ]): int
- # activate(): void
- + command_line(ApplicationCommandLine): void
- - command_line_interpreter(ApplicationCommandLine): void
- - handle_application_launch_system(): void
- - close_window(): void

Hemera.App.MainWindow
- - app_reference: HemeraApp
- - enclosure_display: DisplayEnclosure
- - chatbox: ChatView
- - main_grid: Gtk.Grid
- - welcome_screen: InitSplash
- - headerbar: Gtk.HeaderBar
- - main_stack: Gtk.Stack
- + make_ui(): void
- + make_events(): void
- + set_launch_screen(int): void
- + make_mycroft_incoming_events(): void
- + chat_launch_app(AppEntry): void
- + set_chat_message_override(string): void

Hemera.Services.Connection
- - websocket_connection: WebsocketConnection
- - ip_address: string
- - port_number: string
- + ws_connected: bool
- + ws_message(int, string): signal
- + connection_established(): signal
- + connection_failed(): signal
- + connection_disengaged(): signal
- + get_web_socket(): WebsocketConnection
- + init_ws(): void
- - decode_bytes(Bytes, int): string

Hemera.Services.MessageManager
- - ws_connection: Connection
- + connection_established(): signal
- + receive_speak(string, bool): signal
- + receive_utterance(string): signal
- + receive_qna(string, string, string, double): signal
- + receive_current_weather(string, string, string, string, string, string, double, double): signal
- + receive_hemera_launch_app(string): signal
- + receive_audio_output_start(): signal
- + receive_audio_output_end(): signal
- + receive_record_begin(): signal
- + receive_record_end(): signal
- + receive_system_blink(int64): signal
- + receive_system_mute(): signal
- + receive_system_unmute(): signal
- + receive_eyes_blink(string): signal
- + receive_eyes_narrow(): signal
- + receive_eyes_look(string): signal
- + receive_eyes_off(): signal
- do more
- - readJSON(string): void
- + send_utterance(string): bool
- + send_wake(): bool
- + send_speech(string, string?): bool
- + send_mic_on(): bool
- + send_mic_off(): bool

Hemera.App.DisplayEnclosure
- - main_button: MainDynamicButton
- - window: MainWindow
- - invoke_mode_button: ModeButton
- - stop_button: Button
- + wake_button_clicked(): signal
- + invoke_mode_changed(): signal
- - make_ui(): void
- - make_events(): void
- + animate_button(): void

Hemera.App.ChatView
- - utterance_entry: Entry
- - suggest_area: SuggestionArea
- - scrollable: ScrolledWindow
- - chat_box: Box
- + received_bubble_text: string
- - number_of_messages: int
- - max_number_of_messages: int
- + send_message_text(string): signal
- - make_ui(): void
- - make_events(): void
- + push_user_text(string): void
- + push_mycroft_text(string): void
- + push_qna(string, string, string, double): void
- + push_current_weather(string, string, string, string, string, string, double, double): void
- + push_app_launch(AppEntry): void

Hemera.App.MainDynamicButton
- - face: EnclosureFace
- - wake_button: Button
- + clicked(): signal
- - make_ui(): void
- - make_events(): void
- + animate_button(): void

Hemera.App.EnclosureFace
- - main_icon: Spinner

Hemera.App.SuggestionArea
- - suggest_box: SuggestionBox[ ]
- + clicked(string): signal
- + make_random(): void
- + make_suggest(): void
- - make_ui(): void
- - make_events(): void

Hemera.Core.AppSearch
- - app_info: AppInfo[ ]
- - apps: AppEntry[ ]
- + list_populated(): signal
- - populate_app_list(): int
- + get_app_by_search(string): AppEntry

Hemera.Core.AppDiscovery
- + discover_apps(): AppInfo[ ]

Hemera.App.SuggestionBox
- - label: Label
- + clicked(string): signal
- - make_ui(): void
- - make_events(): void

Hemera.App.SpeechBubble
- - speech_text: Label
- - svg: SVGData
- - animate_bubble(): void

Hemera.App.QnABubble
- - speech_text: Label
- - svg: SVGData
- - animate_bubble(): void

Hemera.App.AppBubble
- - ICON_SIZE: int
- - image: AsyncImage
- - svg: SVGData
- - app_name_label: Label
- - app_desc_label: Label
- + app_exec: string
- + app_desc: string
- - options_menu: Grid
- - option_present: bool
- - animate_bubble(): void

Hemera.Core.AppEntry
- + app_icon: Icon
- + app_name: string
- + app_exec: string
- + app_desc: string
- + desktop_file_name: string
- + app_info: AppInfo
- + desktop_app_info: DesktopAppInfo
- + options_available: bool
- + app_action_name: List<string>
- + app_action_command: List<string>
- + launch(): void

Hemera.Core.LevenshteinDistanceSearch
- - compute_distance(string, string): int
- - simplify(string): string
- + search(AppEntry[ ], string): int

Hemera.App.WeatherBubble
- - current_temp_label: Label
- - condition_label: Label
- - condition_icon: Image
- - min_max_temp_label: Label
- - wind_label: Label
- - location_label: Label
- - svg: SVGData
- - animate_bubble(): void
- - get_weather_card(int, out string): string
- - get_proper_weather_condition(string): string
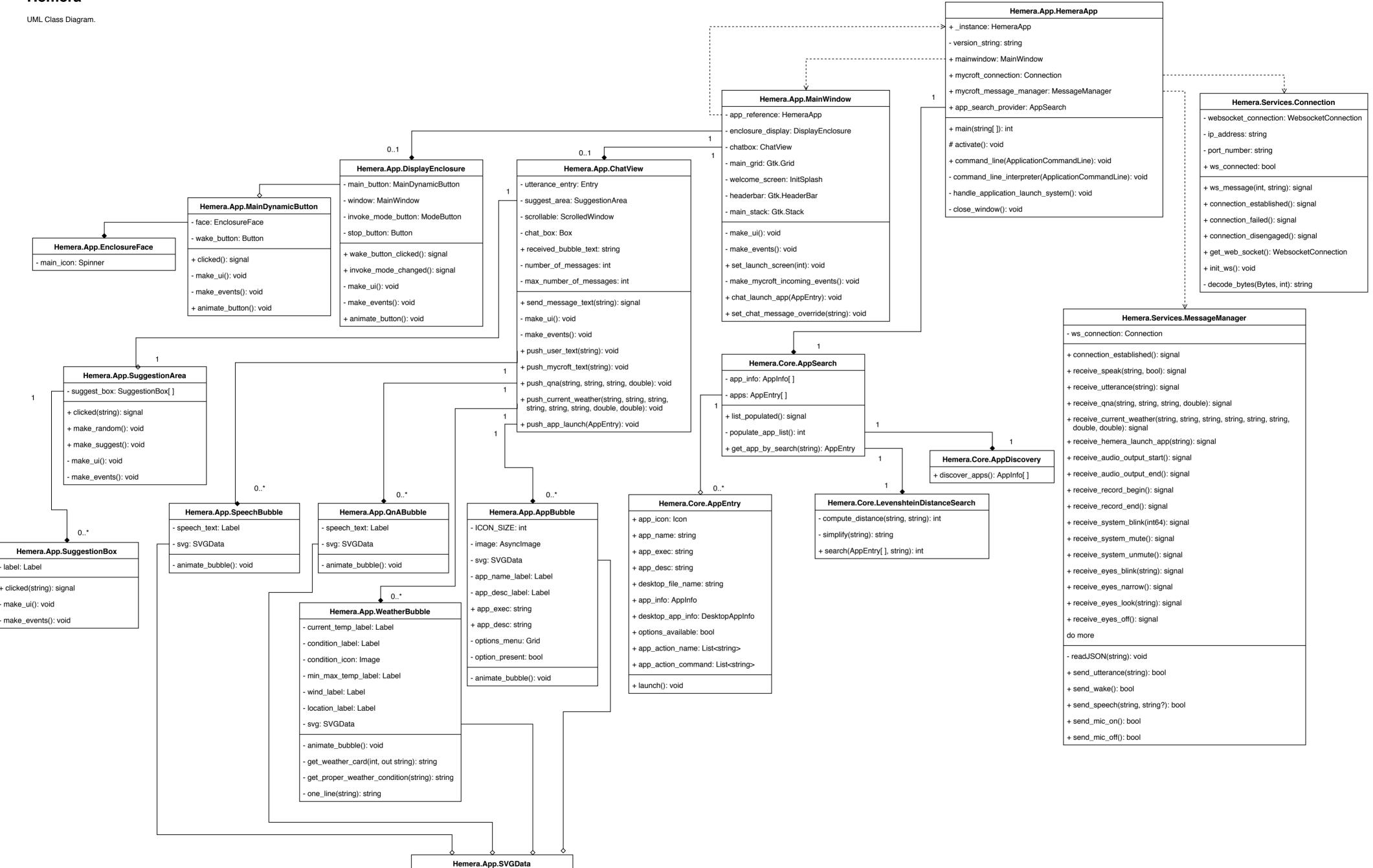- - one_line(string): string

Hemera.App.SVGData
- - right_svg: string
- - left_svg: string
- - bubble_component: Image
- + get_call_out_image(bool): Pixbuf
- - format_resource(string, string, string): string