The Now® Experience UI Framework Explained

This poster explains the Now® Experience UI Framework, which helps developers (pro-code, low-code or no-code) to build custom pro-code web components and create modern interfaces and experiences on the ServiceNow platform in a low-code/no-code way. Web components are reusable modules with their own logic and interface. These custom web components plus a large number of standard components can be used freely in the Now Experience UI Builder. This is a so-called WYSIWYG (What You See Is What You Get) interface builder that allows you to create workspaces, portals or entire custom applications.

Experience | sys_ux_page_registry
This is the record that affects how your users interact with your experience, what your experience looks like and how users navigate to and from your experience.
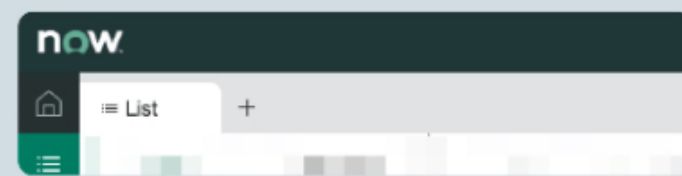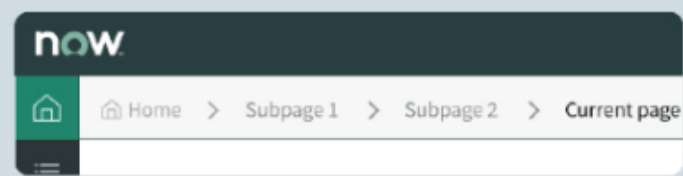
Audiences | sys_ux_applicability
Audiences allow you to determine who can see your pages.

Page properties | sys_ux_page_property
The page properties configures variables available throughout all pages in the experience.

App Shell | sys_ux_macroponent
An App Shell is the wrapper of the contents of an experience page.

Pages | sys_ux_macroponent
This is the page definition/blueprint of an experience.

Screen Collection | sys_ux_screen_type
This is the collection of page variants.

Routes | sys_app_route
Maps an URL to a page or a component (sys_ux_macroponent).

Variants | sys_ux_screen
This is a page definition instance that targets different audiences based on configurable conditions and shares common configurations based on the definition.

Data Brokers | sys_ux_data_broker
Data Brokers connect the front-end with data through GlideRecord, GraphQL, APIs, etc.

Events - Events | sys_ux_event
Dispatched and handled by pages/variants.

State - State
Internal storage of data encapsulated, only to be used by the page itself.

Components | sys_ux_macroponent
Components are your page building bricks and can be everything from a simple text block to feature-rich standalone applications handling complex user interactions.

Events | sys_ux_event
Dispatched and handled by components.

State
Internal storage of data encapsulated, only to be used by the component itself.

Slots
A slot is a placeholder that the components creator has chosen for consumers to insert markup (ranging from complex components or simple html).

Payload
The data the event wraps.

Name
A unique identifier.