SAP Fiori - Development naming conventions

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| **Responsible** | | |
| **Interlocutor** | **Main** | **Backup** |
| **Business** |  |  |
| **Development Shared Services** |  |  |
| **Support** |  |  |

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# Purpose of this document

This document provides the naming conventions to apply for any SAP Fiori / UI5 application development.

It concerns UI dev, Gateway (Odata) and ABAP dev.

## SAPUI5 Application name

Application SAPUI5 : Z<ZGAP Code>\_<Application short name>

Maximum = 15 characters

Exemple: ZTRA014\_TST (for Transport Scheduling Tool)

## File names and encoding

To avoid any problem with target platforms of SAPUI5 due to technical name restrictions on structure of resources, rules for file names and encoding have been introduced:

- **Folder names must not contain spaces (SAP HANA).**

- **To avoid issues with the SAPUI5 module loading and with URL handling in general, resource names should not contain spaces.**

- **Single folder names must not be longer than 40 characters (ABAP).**

- **Avoid non-ASCII characters in resource names.**

- **Only lower case**

## Javascript

The Hungarian notation is recommended (name prefixes indicate the type for variables and object field names). It is not necessary for API method parameters because the documentation will specify their type.

When using the Hungarian notation, use the prefixes highlighted below and continue with an uppercase letter (camelCase):

|  |  |
| --- | --- |
| **Sample** | **Type** |
| **s**Id | string |
| **o**DomRef | object |
| **$**DomRef | jQuery object |
| **i**Count | int |
| **m**Parameters | map / assoc. array |
| **a**Entries | array |
| **d**Today | date |
| **f**Decimal | float |
| **b**Enabled | boolean |
| **r**Pattern | RegExp |
| **fn**Function | function |
| **v**Variant | variant types |

It is recommended to use CamelCase for class names, starting with an uppercase letter.

HTML element IDs starting with sap-ui- are reserved.

DOM attribute names starting with data-sap-ui- as well as URL parameter names starting with sap- and sap-ui- are reserved for SAPUI5.

The following IDs are currently used:

|  |  |
| --- | --- |
| **ID** | **Description** |
| **sap-ui-bootstrap** | ID of the bootstrap script tag |
| **sap-ui-library-\*** | Prefix for UI libraries script tags |
| **sap-ui-theme-\*** | Prefix for theme stylesheets link tags |
| **sap-ui-highlightrect** | ID of the highlight rect for controls in TestSuite |
| **sap-ui-blindlayer-\*** | ID for BlockLayer |
| **sap-ui-static** | ID of the static popup area of UI5 |
| **sap-ui-TraceWindowRoot** | ID of the TraceWindowRoot |
| **sap-ui-xmldata** | ID of the XML Data Island |