

vaakya™

Coding Standards

for

Vaakya Business Application Framework

Vaakya Engine Version 2.1

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Introduction

This document provides guidelines for developing Vaakya applications. The rules and guidelines given here enable better readability/manageability of code.

Type

The Type name should start with the prefix **"typ"**. This is to differentiate a Type and an Object of the same name. For example, if you want to define a Type for Item, you can define the name as **typItem**. **"Camel Back"** convention is followed for field names (Eg: ItemName: I and N in capital letters).

Note: Variable, Object and Component names are Case-sensitive and **should not be separated by 'space' or 'underscore'**.

Enumerator

The Enumerator (Enum) name as well as fields within Enum should start with Upper Case alphabet.

Example: To define an "Enum" for Gender.

Enum name as Gender

The fields can be

- Male
- Female

Object

Object name should start with Upper case alphabet. Object names should represent relevant information about the Object.

Example: "PurchaseOrder"

"Camel Back" naming convention is followed for field names in an Object.

- Object Name - SaleBill
- Field Name - BillNo

Procedure (Proc)

Procedure (Proc) names should start with prefix "**pro**".

Example: proltem

Variable Declaration

Local variable names should start with prefix "**var**".

Example: for Object related Variables

- Stock objStock

Example: for Type related Variables

- typItem prTypItem

Pointer Variable Declarations

Pointers should be prefixed with "**@ptr**".

Example: for Pointer Variables

- Text @ptrName

SET Declaration

Set name should be prefixed with "**@set**".

Example: for Object SET declaration

- Stock Recset @setStock

Example: for Type SET declaration

- typStock Recset @setTypStock

Stream Variable Declarations

Stream variable should be prefixed with "**vs**".

Example: for stream Variables

- Stream @vsStream1

Dictionary Variable Declarations

Dictionary variable should be prefixed with "**vd**".

Example: for dict Variables

- Dict @vdDict1

Array Variable Declarations

Array variable should be prefixed with "**va**".

Example: for array Variables

- Array @vaArray

Web Procedure (WebProc)

Web Procedure (WebProc) names should start with prefix "**vsp**".

Example: vspltem

Variable Declaration is same for both Proc and WebProc.

Summary

- Follow '**Camel Back**' naming convention for Object, field name and component name.
- Prefix components with appropriate short forms like "typ, pro , and vsp".
- Prefix Variable names with "var, ptr, set, vs, vd, va".
- Follow proper indenting within the function blocks.
- Enclose string constants within double (" ") quotes.
- Avoid use of space and underscore character for variable or component names

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