## Prelim Pages

Version Control /Approval etc

## Introduction

Chapter 6 outlines the modules and classes used in the spreadsheet. Each sub and function is listed along with their basic purpose plus dependencies on other code.

## Modules

Code is organised into a number of modules based on functionality. The active modules in the VB Project are:

* Common
* Current
* DataLoad
* Export
* Import
* ProjectRibbon
* PublicTypes
* Randoms
* Update
* UserChangeLog
* UserForms

## Common

Contains these functions and/or subs:

* locateHeader – scans row 1 of a data set sheet for a column. Returns 0 if fails to locate.
* selectFileSystemItem – Opens the file/folder browser and manages user cancelling. Returns “-1” if user cancels.
* ArrayToCollection – converts a standard VB array to a collection object

## Current

Contains these functions and/or subs:

* RemoveFilters – turns off filters in the data set sheets. The call includes the sheet reference.
* UnHideHidden – unhides specific data sets by the “payroll” or exeID identifier.
* unhideAll – unhides all sheets regardless whether they are a valid dataset or an background sheet.
* hideSpecial – hides all the background sheets in the master.
* copyACHireHeadings – copies colours and column titles to the other valid data sheets
* scanAndCleanRoles – scans the Activity+Roles column and replaces identified values.
* findReplace – used by scanAndCleanRoles to perfrom the actual replacement
* dataTransfer – part of import process.

## DataLoad

Contains these functions and/or subs:

* prepNewSystem – uses default data to clear and reset the datatable for a new system.
* buildOrg – Builds org in data table based on the structure
* buildPosition – builds position in data table based on the structure
* buildPerson – build person in data table based on the structure.

## Export

Contains these functions and/or subs:

* export\_column\_change – exports all valid data sets for column restructure.
* QTPTestPrep – exports data to QTP
* ExportPayroll – exports raw or formatted to nominated location
* dataExport – raw data export
* fnExpSpec – formatted data export
* selectionProperties – used by fnExpSpec

## Import

Contains these functions and/or subs:

* import\_column\_change – restores the data sets back from a restructure
* import – core import functions
* copyResultsFromDefault – performs the sheet to sheetwise copy post script execution.

## ProjectRibbon

Contains these functions and/or subs:

* Btn\_Export\_QTP – Starts the export to QTP
* Btn\_Export\_Payroll – Starts the export to raw or test team format
* Btn\_Update\_Column\_Restructure – starts the restructure process
* Btn\_Import\_QTP – Imports QTP results back to the master
* Btn\_Import\_Pool – Opens the structure builder tool
* Btn\_Update\_Header – copies ACHire headers across
* Btn\_Update\_genPerson – updates missing people data
* Btn\_Update\_Roles\_Clean – used to update/replace old roles from old sources
* Btn\_Update\_NewSystem – replaces the system data
* Btn\_View\_Payroll – Views based on nominated identifier in Row 2 exeID.
* Btn\_View\_Tab – Views based on the tab name
* Btn\_View\_All – unhides all the sheets.

## PublicTypes

Contains these type definitions, functions and/or subs:

* Type SYSTEMTIME
* Type FILETIME
* Type WIN32\_FIND\_DATA
* Function GetComputerName
* Function FindFirstFile
* Function FindNextFile
* Function FindClose
* Function OpenClipboard
* Function EmptyClipboard
* Function CloseClipboard
* Function SetTimer
* Function KillTimer
* Function FindWindow
* Function SetForegroundWindow
* setXLFocus
* TrimNull
* PadNumber
* getConfigData
* setConfigData
* ClearClipboard

## Randoms

Contains these functions and/or subs:

* getRandomValue
* randomDate
* fillMissingData
* fillCellValue

## Update

Contains these functions and/or subs:

* partTimeUpdate

## UserChangeLog

Contains these functions and/or subs:

* logUsersChanges
* writeProgress
* logHeader

## UserForms

Contains these functions and/or subs:

* dispUF
* dispUFExp
* dispUFNC
* dispUFPickRole
* GetAColor

Classes

Contains the following classes for use by some of the functions.

...oooOOOooo...