The Source of Your Success...

QIP4-Testing

Setup Manual

V2.2

Jan Boes
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Index

1 Introduction

This document describes the QIP4-Testing product.

During the programming and testing phase of a functional design, the NAV functionality is tested extensively, first during the programming phase by the developer and later during the test phase by the consultant. Often the same functionality is tested and / or exceptions are overseen.
To speed up the process the QIP4-Testing has been developed.
This tool is able to test the NAV processes by testing the expected outcome of these processes.
The outcome of the processes can be tested via:
- Determine if error message(s) appear in the process
- Are expected values met after the process has been executed
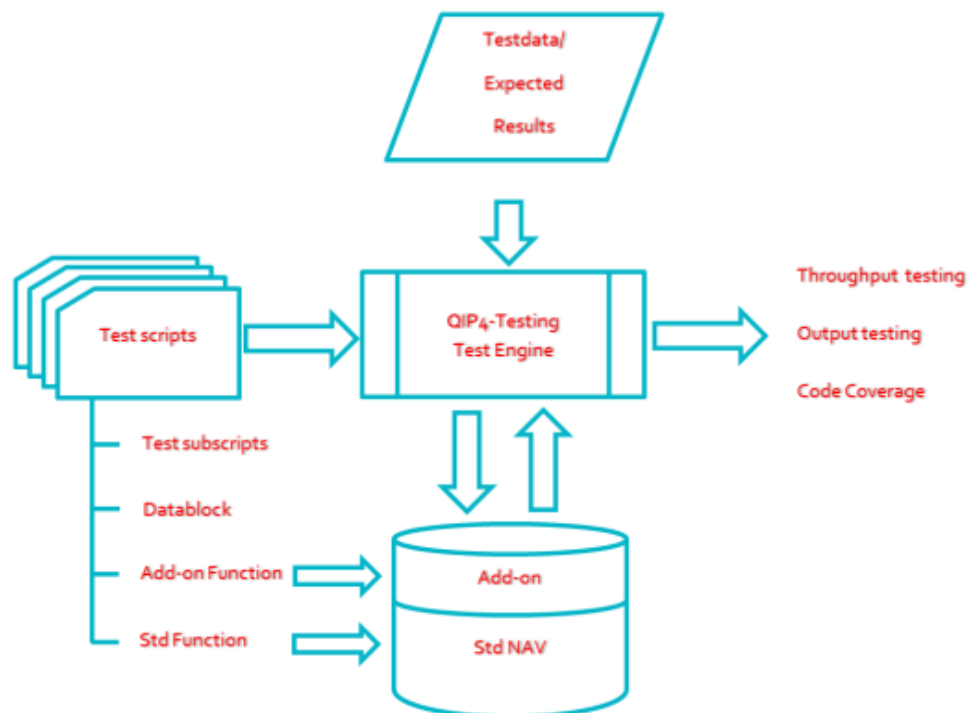
1.1 A schematic overview of the whole process

Figure 1: Schematic overview of QIP4-Testing

The test sets and the expected values are created by the user. Then the test is executed by running the standard or customized Microsoft Dynamics NAV processes and in the end the user can check the test results to see if the NAV process has run correctly

In the following chapters the setup of the product QIP4-Testing is described.

2   NAV versions, granules and objects

In this chapter the different NAV world is described.

2.1   NAV versions

QIP4-Testing is based on the Microsoft Dynamics NAV Test Framework the lowest possible version to this product is Microsoft Dynamics NAV 2009 R2.
It is possible to upgrade to client to this version and to keep the NAV object on a lower version (technical upgrade), but it is not guaranteed that all functions will be running.

A prototype is built for Microsoft Dynamics NAV 2013. I case needed, please contact QIPtree via support@qiptree.com.

2.2   NAV Granules and QIP4-Testing versions

The QIP4-Testing product has four different granules and based on these granule's two different versions can be purchased.

Granule ID	Granule Name
11022010	QIP4-Testing – Base
11022060	QIP4-Testing – Management
11022070	QIP4-Testing – Cloud
11022080	QIP4-Testing – Development

Version	Granule ID	Granule Name
Runtime		
	11022010	QIP4-Testing – Base
	11022060	QIP4-Testing – Management
	11022070	QIP4-Testing – Cloud
Development		
	11022010	QIP4-Testing – Base
	11022060	QIP4-Testing – Management
	11022070	QIP4-Testing – Cloud
	11022080	QIP4-Testing – Development

2.3 Deployment

The current version of QIP4-Testing is a fully Microsoft Dynamics NAV solution, there is no need to install any software.

2.3.1 Installation of the NAV fob file

The QIP4-Testing add-on does not alter any standard NAV object. Therefor the installation is quite simple.

1. Open the NAV Object Designer
2. Select the menu option – File -> Import…
3. Select the QIP4-Testing fob file and press the button Open
4. All objects are now added to the NAV Object Designer
5. Compile all new objects

2.3.2 Initialization of the QIP4-Testing functions

Classic Client

The different QIP4-Testing functions are located in a separate menu Group
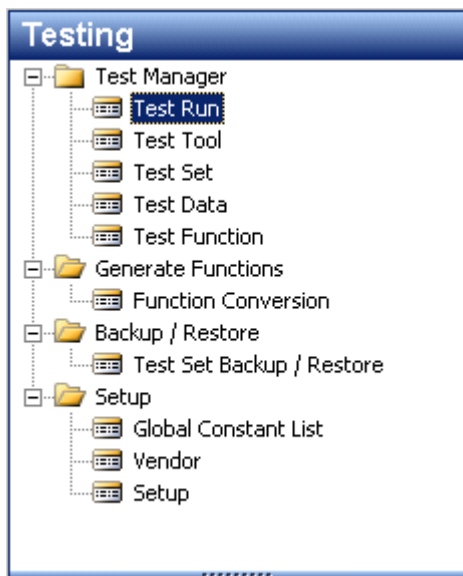
Figure 2: QIP4-Testing menu group

The QIP4-Testing functions can be initialized in the Function Setup form that can be found via the menu options Testing -> Test Manager -> Test Functions

Figure 3: Function Setup

When the menu button Functions -> Initialize is pressed the available functions will be displayed.

Role Tailored Client

The different QIP4-Testing functions are located in the Department menu

Figure 4: Department menu

The QIP4-Testing functions can be initialized in the Function Setup page that can be found via the menu options Departments -> Testing -> Test Manager -> Test Functions
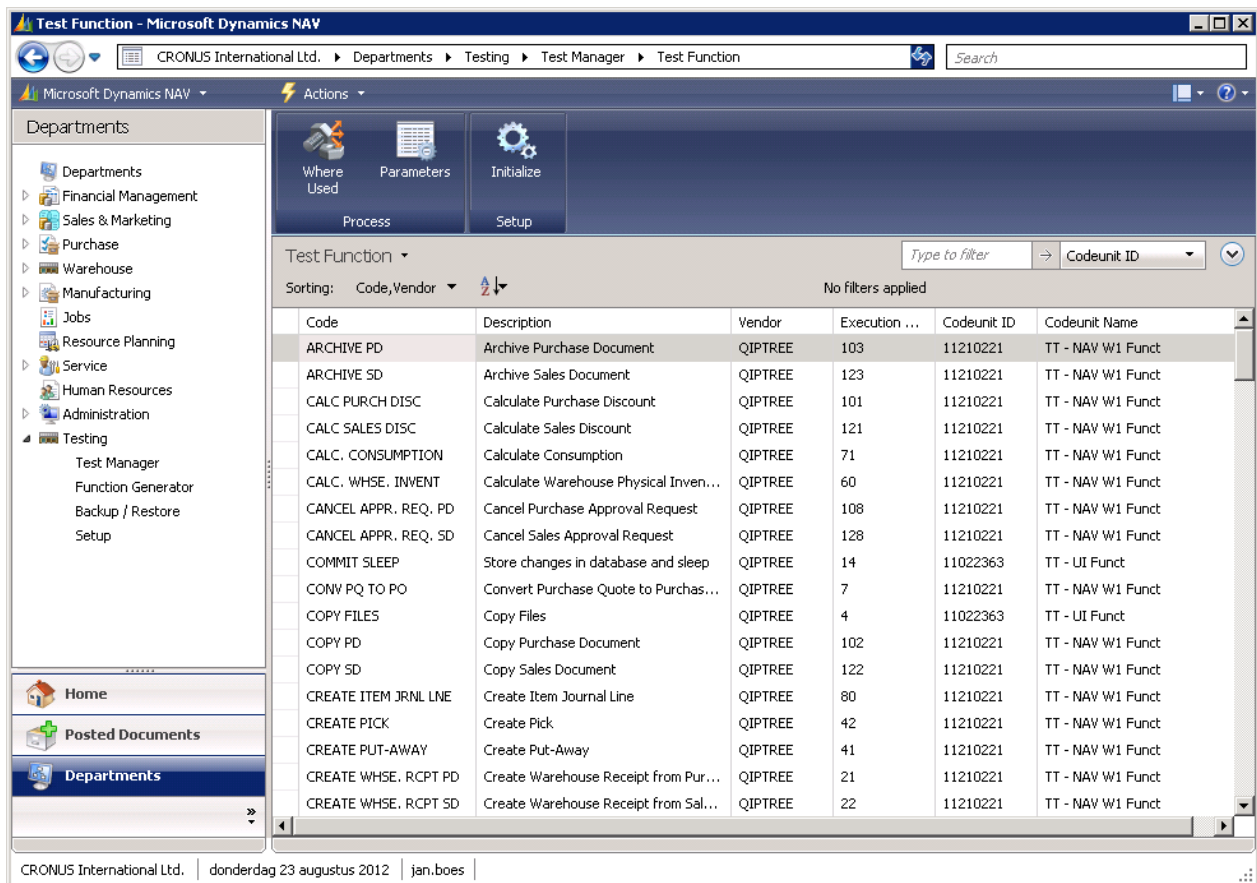

Figure 5: Function Setup

When the menu button Initialize is pressed the available functions will be displayed.