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Cable list and test tool

Introduction

Concept of x

Concept of y

Functionnalities

Functionnality	State	Remarks
Vehicle type edition	**Work in progress**	
Connector edition	**Work in progress**	
Article edition	**Work in progress**	
Unit edition	**Work in progress**	
Link edition	**Work in progress**	
Versionning	**Missing**	
Test node edition	**Work in progress**	
Test (model) edition	**Work in progress**	
Test execution edition and API	**Starting**	

Versionning

On real life project, versionning is a very important feature. Imagine that many systems are allready produced, and that a new feature must be implemented. When used software does not provide versionning, there is needed to create documentation about modifications to do. This can be cumbersome and error prone.

Currently, no versionning is implemented. Adding such feature will request modifications in deep (database schema and C++ classes).

Create a project

The complete workflow

The complete workflow will show how we could use this tool in a project. We considere a project for witch we have to make the entiere engeneering, for example for a modification on the electrical part of a system.

This requiers several tasks:

- Define what to modify
- Draw schemas
- Define components to add or change
- Dependent of the complexity, create cable lists
- Create documentation for continuity check
- Create documentation for comissioning

Create vehicle types

Create articles

Create connectors

Create units

Create test nodes

Create test (models)

Create test

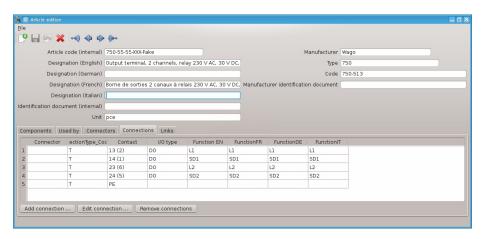# Vehicle type

Connector

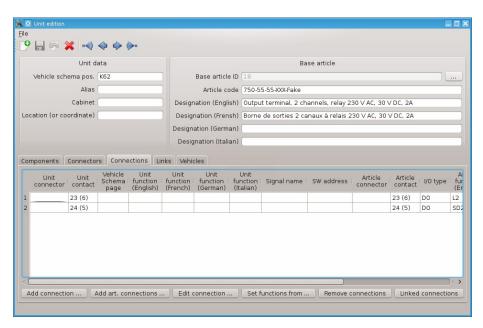# Article

Article edition

Unit

Unit edition

Test node

Test connection cable