

## Automotive Data Dictionary

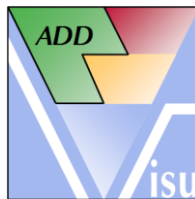
What's new in Version 4.2?

July 30<sup>th</sup> 2009

### ADD Contact

email: [add@visu-it.de](mailto:add@visu-it.de)

Internet: <http://www.visu-it.de/add>



© Copyright 2009

Visual Information Technologies GmbH

An der Schergenbreite 1

93059 Regensburg

## Contents

<b>1</b>	<b><i>Purpose and scope</i></b>	<b>3</b>
<b>2</b>	<b><i>What's new in Version V4.2?</i></b>	<b>3</b>
<b>2.1</b>	<b>Highlights</b>	<b>3</b>
2.1.1	Bit in Byte	3
2.1.2	Oracle ODP.NET	3
<b>2.2</b>	<b>New Features, Major Improvements</b>	<b>5</b>
<b>2.3</b>	<b>Minor Improvements / Correction of Bugs</b>	<b>6</b>
<b>2.4</b>	<b>No longer supported features</b>	<b>7</b>
2.4.1	Individual Axes	7
<b>3</b>	<b>Questions?</b>	<b>7</b>

## 1 Purpose and scope

This document describes the improvements and changes of ADD V4.2 compared to V4.1.

## 2 What's new in Version V4.2?

### 2.1 Highlights

#### 2.1.1 Bit in Byte

For Online variables with Local classification Logical Bits can be created with a defined Bit Position inside the carrier variable. These bits are displayed as child elements of the Bit Base definition. The Bit Position must be defined inside the base data type of the Bit Base. The bits are sorted after the Bit Position.

#### 2.1.2 Oracle ODP.NET

Since ADD V4.0 the database access technology uses the Oracle ODP.NET interface (Oracle.DataAccess.dll version 2.102.2.20). The advantages are a better performance, enhanced floating point precision and a better Unicode support.

To configure the new database connection parameters the "ADDConfig.xml" is adapted in the following way:

```
<AddSettings>
  <Environment>TEST_DB</Environment>
  <Database>
    <Environment ID="TEST_DB">
      <Description>TEST</Description>
      <Master>
        <User> ---enter your Oracle user here--- </User>
        <Password> ---enter your Oracle password here--- </Password>
        <TNSName> ---enter your Oracle server here--- </TNSName>
      </Master>
    </Environment>
    <Environment ID="PROD_DB">
      <Description> PROD</Description>
      <Master>
        <User> ---enter your Oracle user here--- </User>
        <Password> ---enter your Oracle password here--- </Password>
        <TNSName> ---enter your Oracle server here--- </TNSName>
      </Master>
    </Environment>
  </Database>
  ...

```

Also the "VITNameChecker.config" "Database" section needs to be changed:

```
<NameCheckers AllowInvalidNames="no">
  <VersionInfo Version="1.0" CreationDate="17.04.2009, 08:50:10" />

  <Database>
    <ReadPatternFromDatabase>1</ReadPatternFromDatabase>
    <ReadCatalogsFromDatabase>1</ReadCatalogsFromDatabase>
    <User>---enter your Oracle user here---</User>
    <Password>---enter your Oracle password here---</Password>
  </Database>

```

```
<ConnectionString DataSource="---enter your Oracle server here---" />  
<Description>---enter your description here---</Description>  
</Database>  
...
```

---

## 2.2 New Features, Major Improvements

## 2.3 Minor Improvements / Correction of Bugs

## 2.4 No longer supported features

### 2.4.1 Individual Axes

The simple individual axis flag in the Offline Mode is no longer supported (superseded by STD and FIX axis objects).

## 3 Questions?

If you have any questions about this release, please contact the Visu-IT! ADD Hotline:

#### ADD Hotline

Tel.: +49 (0)941 – 49082-16  
email: [add-hotline@visu-it.de](mailto:add-hotline@visu-it.de)

#### ADD Contact

Tel.: +49 (0)9947 – 9040004  
email: [add@visu-it.de](mailto:add@visu-it.de)

#### ADD Product page

Internet: <http://www.visu-it.de/add>