

DM Offline Design is part of the Dialog Manager suite, which is a unique multi-channel solution enabling you to attract, retain and grow customer relationships across traditional sale-, service- and marketing boundaries.

DM Offline Design, DIALOG MANAGER

THE SECURE AND TESTED PATH FROM IDEA TO PRODUCTION



DESCRIPTION

Keep the application constantly up to speed with market reality requirements - that is without compromising with security, quality or resource limitations.

Separation of development-, test- and production environments

Using the module, functionality extensions are carried out in the development environment. then the extensions are tested in the test environment. Provided that the extensions are approved they are now transferred to the production environment.

Establishment of development environment

Based on an efficient metadata structure and related compressing technique it becomes possible, in very little time, to produce a fully functional copy of the production environment application - with or without data.

This copy consists of a comprised file, which can be emailed. As a reason, administrative clearing processes can be ignored because potentially sensitive data does not need to be part of the development environment. Independent from physical location you can carry out design changes such as imports, QBE searches, create or delete database tables and fields, etc.

The approved changes are then returned as metadata via a file, for instance via email. The design cycle is rolls when a user with the necessary rights loads the metadata file into the test environment by double-clicking on the file. Same simple procedure is followed from test- towards production environment when the testing is complete.

Development externally from the production system

The inherent flexibility and possibilities are emphasized by the lack of physical connections between the production environment and the copies in development- and test environments. Development may even take place on a laptop by developers on a different location.

Adaptation of the Dialog Manager installation becomes a natural and dynamic element of the company's development - this without compromising with security and performance.

KEY BENEFITS

- ✓ By minimizing current costs for installation development and adaptation TCO is significantly reduced
- ✓ Quality Assurance of installation changes through realistic test in full replica of production environment
- ✓ The inherent logic in the module ensures a natural design cycle: Development - Test - Production
- ✓ Quality assurance of all expansions through repetition of test and development environments
- ✓ Rapid development and installation in production environment
- ✓ No physical bindings between production-, test- and development environments
- ✓ Full version control of design blocks ensures control and management of the entire development process
- ✓ Optional exclusion of production data in test environment ensures dynamic development process without also excluding users with insufficient security clearance
- ✓ Loading of design changes onto production environment is completed within minutes and requires no physical access to the individual servers

See **FUNCTIONALITY** on back side



- ✓ Extended Enterprise Edition
 - ✓ Enterprise Edition
 - ✓ Professional Edition
 - ✓ Small Business Edition
- DM Offline Design**, DIALOG MANAGER

FUNCTIONALITY

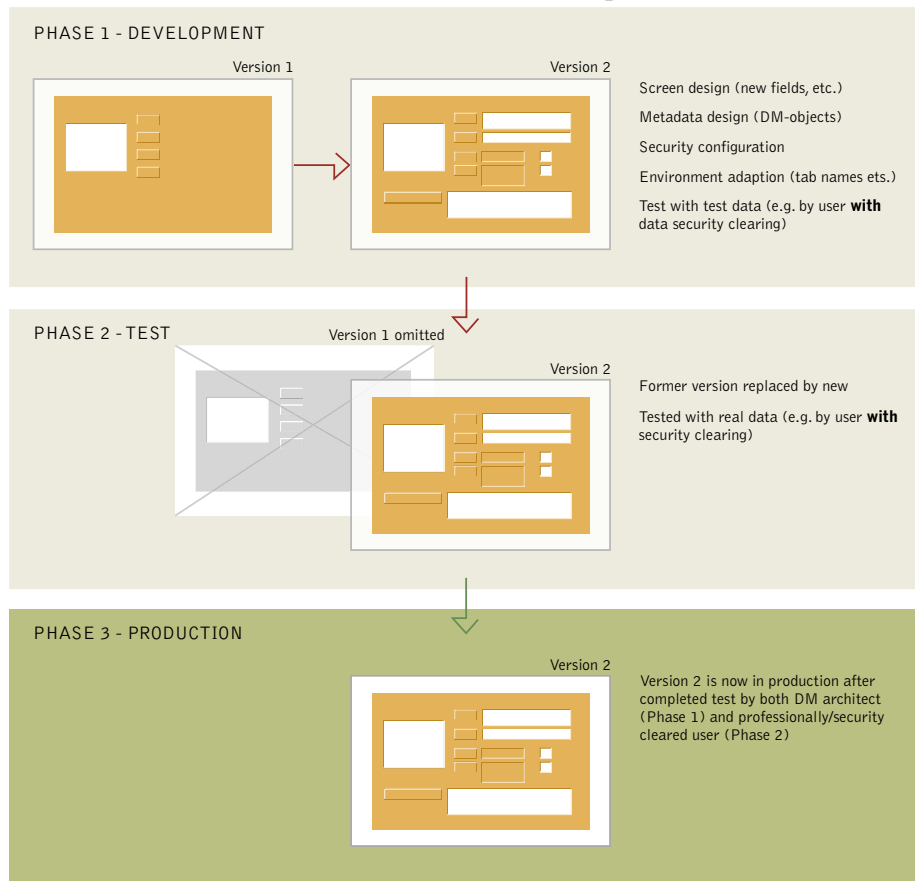
The following functionality is included in DM Offline Design:

- ◆ Security facilities enable adaptation without production data access
- ◆ Transaction controlled encapsulation of metadata and DDL-statements (create table, alter table, etc.)
- ◆ Full version control of metadata and DDL embedded in design package file, which is moved and installed on the various test- and production environments
- ◆ By database copying a complete design environment is established quickly and efficiently
- ◆ Development of Dialog Manager adaptations in separate development environment with subsequent testing and implementation
- ◆ Separation of development- and test environments enables a different personnel group with different security profile to complete changes

CHECKLIST

- ✓ Version management
- ✓ Encapsulation of metadata + DDL
- ✓ Design cycle:
 - Production environment
 - Development environment
 - Test environment
- ✓ Separation of development-, test- and production environments
- ✓ "Protected mode"
- ✓ DDL Transaction Management

DESIGN CYCLE



DM SOFTWARE

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