

# Additional Modules

## **Importmodules**

### XML Import Module

Import and export of XML documents. The preview transformation for the presentation on the user interface can be adapted in line with customer requirements.

Additional adaptations may be necessary depending on the requirements on the XML format. The provision of various file types for download is an option.

### Native Import Module

Import module for the import of native documents such as Word, Excel, PowerPoint etc., without generation of previews.

### News Wire Text Import Modul

Module for the import of NewsML documents.

NewsML is an XML format for the exchange of information between agencies and their subscribers. NewsML was specified by the International Press Telecommunications Council (IPTC) in the year 2000 and is the successor to the XML-based News Industry Text Format (NITF) also developed by IPTC.

### E-Mail Import Module

Import of files, delivered as e-mail attachment and incorporation of information from e-mail body, subject and sender into the dio:content field description. This information can be incorporated on a customer-specific basis.

### DNG Import Module

Import of files in DNG format. The DNG format is an open archive format for the raw data created by digital cameras. DNG assumes the position of a general standard for raw data created by different camera models. The format ensures that the files archived also remain accessible even after several years.

## **eCommerce and Sales Modules**

### eCommerce Module

Module for customer and supplier management with corresponding Shopping Cart function and price calculation. Enables creation of delivery notes, invoices and credit notes as well as the issuing of evidence of order. Interfaces to financial accounting systems such as SAP or Navision are available, if the corresponding export interfaces were implemented.

Furthermore, commercial data, such as click evidence with compulsory-utilization documents, cost centre entry with budget monitoring, and content-related statistics with "bestseller lists", is provided.

### Copyright Settlement

Module for settlement of proceeds from the use of the media objects (fees) with the author. Orders for the use of pictures are automatically forwarded to the copyright settlement system. The copyright settlement module is rounded off by additional functions such as the entry of new fees, fee settlement statements and financial accounting export.

### Financial Accounting Export Module

Export of accounting formats such as invoices, credit notes, orders, copyright settlement statements.

### Credit Card Settlement

Payment of the statement of account via credit cards is offered in conjunction with the Shopping Cart functionality. The module includes a check on the validity of the card and the forwarding of the settlement to the credit card company via a service partner.

### Online Price Calculation

Optional calculation of the picture utilization in the customer portal. A price matrix for the online

price calculation of the picture utilization can be deposited in the system on the basis of criteria such as medium, distribution, number of copies, size, etc. In this respect, it is possible to define a basic price per picture. This price matrix can be filled out by the customer and calculated in the customer portal via an extended Shopping Card function. The actual price for the utilization of the picture is displayed and is incorporated into the invoicing system following download of the picture.

Integration with the "dio:content – Credit Card Settlement" module is possible.

**Royalty-Free Module** Management of royalty-free pictures: Each royalty-free picture can exist in several derivatives, whereby each derivative is marked with its own price. As an option, it is possible to illustrate a structure for suppliers, in which the derivatives are allocated to different, pre-determined price categories. The price is displayed to the customer when added to the Shopping Cart or during direct download.

#### Digital Marking

Module for the automated or manual settlement of costs arising from picture utilization in internal production. Information on the utilization of a picture can be retrieved at any time.

Orders for utilization are generated automatically or manually depending on integration into the production and archiving process (e.g. in interrelation with K4 Connector). These orders can be used both for fee settlement with the author as well as for calculation of the costs of the individual production.

#### Newsletter + Mailing Lists

Newsletters with links to folder contents can be created from dio:content and sent to defined mailing lists in HTML or text format.

In addition, the dio:content Newsletter Plus Module offers customer-specifically and graphically rendered newsletters with display of individual pictures, including their links to the dio:content contents.

### **Data Processing and Research Modules**

#### Categorizer

Automatic context analysis for content development via the extraction of persons, companies, geographical descriptions and other objects referred to. In addition, a summary of the content is generated automatically.

#### Star Tree

Presentation technique for multi-level Thesauruses in the form of a two-dimensional tree diagram. Can be used for the research and development of media objects.

#### Analytic Search

Supports the targeted search using prescribed search parameters.

Within a search result, these parameters can be used for the generation of a new overview.

#### Attribute Search

The full-text search can be combined with a field-related search as required via the attribute search. In addition, the bracketing of complicated searches within a field is supported. Also possible is a search containing a central truncation or double truncation in the field and in the full text.

### **Clients Modules**

#### Rich Client

dio:content Rich Client / Rich Client is a Java application developed especially for the quick researching, viewing and processing of pictures.

In addition to efficient functions such as gallery, slide show, ranking option, status management, configurable displays and derivative generation, the Rich Client also enables connection to other workflow applications.

#### Video Expert

Module for the professional capturing, development and management of video and television

material. The full extension of this module comprises frame-precise scene recognition, picture comparison, sequence comparison, automatic indexing, retrieval and streaming as well as 24/7 capturing.

With the exception of the scene level, the material developed with dio:content Video Expert can be imported into dio:content without problems – naturally, including incorporation of the information generated previously.

## **System Extensions**

### Asset Connector

Standardized connection of the basic system to several data sources or databases for joint use with the functions of dio:content.

### K4 Connector

Data located in dio:content is incorporated into the editorial workflow with K4 via Drag'n Drop or mass export where it is checked in automatically.

After the page production has been completed, the complete pages are re-imported into dio:content. Complete pages and their elements are linked to one another and the various file types (complete pages, pictures, texts, displays) are made available in own archive areas. In addition, publication and media-type-specific metadata is also handed over for archiving.

### Quark Connector

Data located in dio:content is incorporated into the editorial workflow with Quark via Drag'n Drop or targeted export.

After the page production has been completed, the complete pages are re-imported into dio:content; complete pages and their elements are linked to one another and the various file types (complete pages, pictures, texts, displays) are made available in own archive areas. In addition, publication and media-type-specific metadata is also handed over for archiving.

### OpenGate Connector

Module for linking dio:content to the OpenGate server:

- Research
- Offer
- Integration settlement module
- Integration authorization system

### LDAP Connector

Module for linking LDAP to dio:content

### FolderMirror

FolderMirror also deposits the original files, stored in dio:content, on a file system situated outside of the system.