



Web Delivering of Music Scores

DE6.3.1

Local Distributor User's Manual

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Abstract:

This document is intended to be the user's reference manual for the use of the Local Distributor's tools. It covers such topics as the usage of the Local Distributor's tools by an end user, or the Administrator, and provides a description of the installation process.

Keyword List:

music, internet delivering, audio format, image format, symbolic format, watermarking, protection, encryption, music distribution, copyrights, mp3, visually impaired people, speech music, Braille music, music analysis, music printing, music format.

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1 Scope of this Document

This document is intended to be the user's manual of the Local Distributor's Catalogue Tools.

It describes the main functions accessible to the end user and to the Administrator.

Two aims are covered here: help for the usage of the Local Distributor's system, together with an overview of the possibilities.

1.1 Help

1.1.1 Special advertisement: sessions and identifications

As the use of W Edel objects can be subject to payment of rights, each usage of objects is reported in a log file, and identified with the user's identifier. For this reason, it's very important to close properly a session when you finish using a terminal. For closing properly a session, use the [exit] function (this function is detailed in section §2.1.3, "Closing a session").

1.1.2 Self-explanatory functions

The Local Distributor's tools are designed in such a manner that functions are generally self-explanatory, especially for end users. Access to the Catalogue must be done in a normal way, and a special training must not be necessary.

The functions available for end users are those currently in use on the Internet: browsing or searching in the database doesn't require special knowledge for the end user accustomed to Internet. However, these functions are explained here, and a general overview of these is given in this document.

1.1.3 Functions requiring a special training

In some cases however, some functions can require a special training: that's particularly true for Administrator's functions.

1.1.3.1 Advanced search

For advanced search functions, several possibilities are offered: use of wildcards, Boolean connectors and so on. These possibilities are fully described in section §2.5.2, "Advanced Search" For Full search, an on-line help is available.

1.1.3.2 Personal functions

Personal functions are offered to store the results of a query. These functions are fully described in section §2.7, "Personal functions".

1.1.3.3 Administrator's functions: acquiring objects

We strongly recommend to the Administrator to read carefully the sections devoted to relations with Publishers and acquisition of objects, specially the sections §3.2.6 and 3.2.7 in their whole.

1.2 Overview

This manual is also aimed to give a general overview of the possibilities of the Local Distributor's tools. The following topics are covered:

- For end users, how to browse the Catalogue, search for a specific title, or use the personal storage functions.
- For Administrators, how to manage end users accounts, terminals accounts, and how to acquire new titles to add to his Catalogue.

Finally, a description of the process of installation of the Local Distributor's system is given at the end of this document.

2 End user's access to the Catalog

The Catalogue is aimed to give end users tools to browse and search for the desired objects.

For a first contact, an end user can browse the Catalogue (by Composer, by Genre, or even by Publisher).

This first way of access to the Catalogue can give him a general idea of the content.

Sophisticated tools are available to search in the Catalogue - three levels are available.

Sophisticated tools are also offered to the end user to store personal data: personal bookshelves and queries.

2.1 Access to the Catalogue

2.1.1 Access from a Local Distributor's Terminal

To access the Catalogue, every end user must be first registered. If an end user is not registered, he must ask the Administrator of the Library, which is the only authorized to create end user's accounts.

When accessing the Catalogue, a login and a password will be asked to end users.

Each end user must type here his username and his password, as provided by the Administrator, and click on the "Submit" button.

He will then access to the main page of the Catalogue (described in section §2.2), giving him access to all functions.

2.1.2 Access from a distant machine

End users can also access the Catalogue from a distant machine, which is not registered as a terminal on the Local Distributor's network. The process is exactly the same as described above. End users will have all possibilities to browse the Catalogue, search for objects, store the results of their search in their personal account, and so on.

The only difference is that end users will not have access to the content of objects themselves, that is to say, scores, audio files and so on, which are subject to payment of rights.

However, all personal storage functions remain available.

This way, an end user can make a query in the Catalogue to get all information about the object of his search, its availability, amount of rights to pay and so on.

If this information satisfies him, he can store the object in his personal bookshelf for later easy retrieval in the Local Distributor's private area.

2.1.3 Closing a session

As the use of Wedel objects can be subject to payment of rights, each usage of objects is reported in a log file, and identified with the user's identifier. For this reason, it's very important to close properly a session when you finish using a terminal.

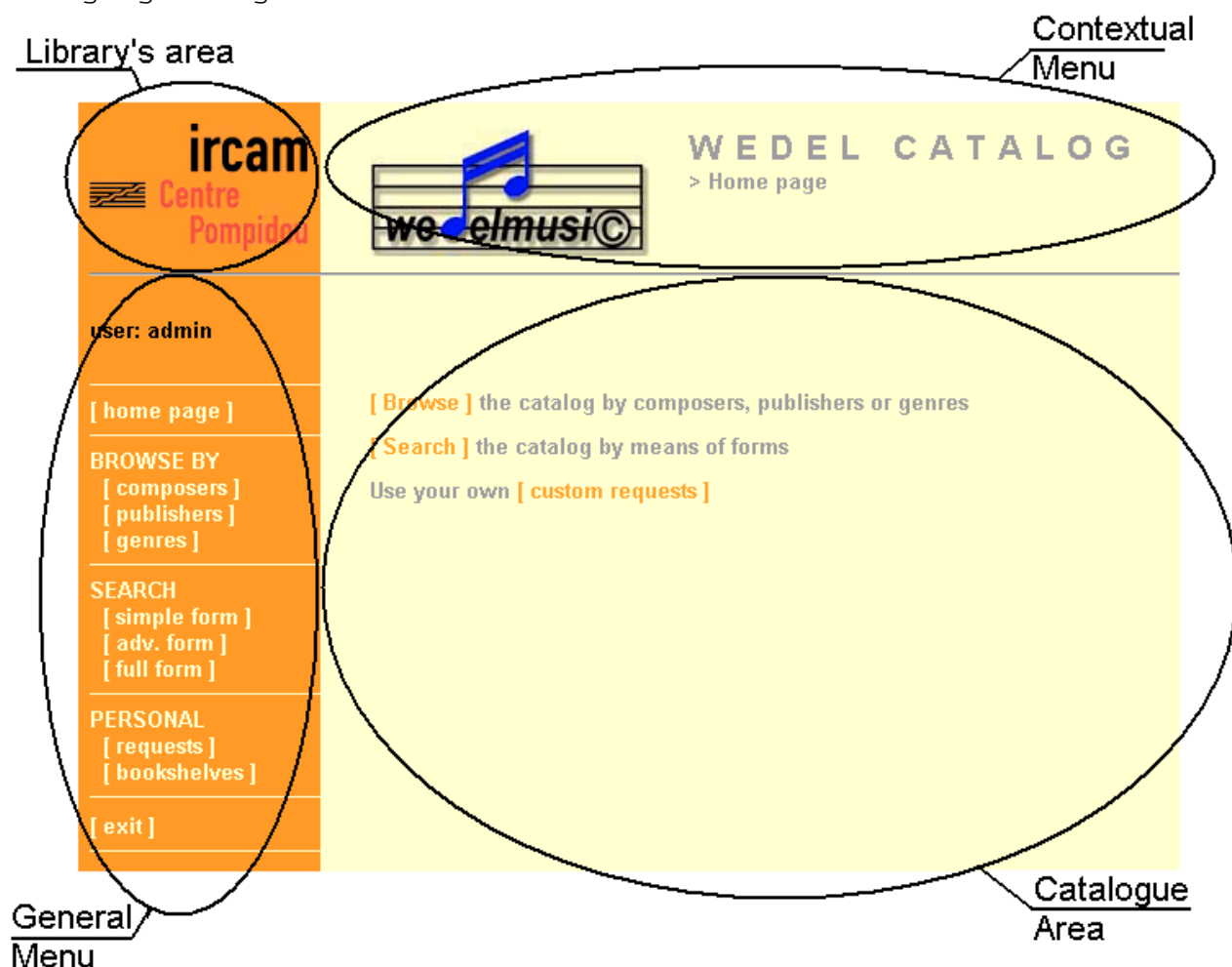
For closing properly a session, you must use the [exit] link, always present at the bottom left of the page:

[exit]

After having closed the session, an end user cannot see the Catalogue pages, even by clicking the "previous" button of the Web Browser, as long as he's not logged on by using his user's name and password.

2.2 Main Catalogue page

From the main Catalogue page that is accessed after a successful login, end users can browse the Catalogue, search in the Catalogue, and access personal functions. Here is the typical presentation of this main page, showing its general organization:



This page is subdivided in several areas:

- On the upper left, the logo of your Library – here Ircam's logo.
- On the lower left, a general menu which will be available throughout your consultation. This menu gives you an access to the main areas of the catalogue : browsing, searching, and personal area.
- On the upper right, an area of contextual menu, which will give you information about your position in the Catalogue, and access to some functions which are available in some contexts, such as options of visualisation.
- On the lower right, an area is reserved to the content of the Catalogue (but here shows only an access to the main functions).

Here is a typical page of the Catalogue, showing mainly the same areas, but also some variants :



On this page, the end user will find the same constant areas. The contextual menu shows, in addition to the current location in the catalogue, access to a contextual menu entitled "list", which gives the end user the ability to modify the appearance of the list shown below (this function is explained later). The main area shows here the exact location in the Catalogue (Browsing by genre Concerto), and the list of the Concertos of the Catalogue.

2.3 Catalogue content

The Catalogue presents the objects of the Local Distributor's database, with access functions that are detailed below. But before first accessing the Catalogue, an overview of the content itself must be given.

2.3.1 Catalogue, objects, classification records and components

The Catalogue is composed of objects, each of these with "classification record", that is to say, information that enable an easy search and retrieving. Classification record lists currently information such as title, name of the composer, date of composition, ISMN number, and much more.

Each object is also composed of one or more components.

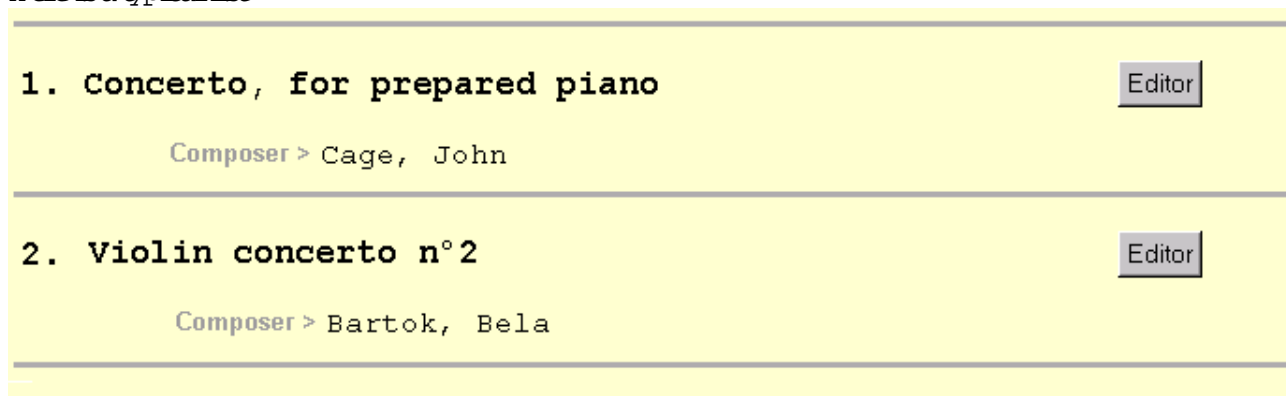
These components can be, for instance, the score itself, but also an audio record, a text file, and image file and so on.

In the following sections we will use the above-defined terms "Catalogue, objects, classification record and components".

2.3.2 List presentation

List presentations lists simultaneously more than one object in the Catalogue. These lists can be presented as the result of a browse action, or as the result of a search action, or as a personal bookshelf and so on.

Here is a typical list:







There is more than one presentation mode for lists. Here is another presentation of the same list:

1. Concerto, for prepared piano	Editor	[add to bookshelf]
Composer > Cage, John Date of composition > 1951 Publisher > Edition C.F. Peters Genre > concerto		
2. Violin concerto n°2	Editor	[add to bookshelf]
Composer > Bartok, Bela Date of composition > 1937 Publisher > MM editions Genre > concerto		

Choice between different presentation modes is described below in §2.6.1, the "List" menu.

2.3.3 Object presentation : single records

For a single object, access to the classification record is possible, and also access to components. Here is a typical presentation of an object:

birdland	Editor
Composer > birdland	
	Component 1 > Main Score [view]
	Component 2 > Part 1 [view]
	Component 3 > Part 2 [view]
	Component 4 > Part 3 [view]

There is more than one presentation mode for an object. Here is a more detailed one:

birdland
Editor

Composer > birdland
 Date of composition > 1970
 Publisher > Rigel Engineering
 Genre > birdland
 Personnal annotations > This is an interesting composition [edit]
 ISAN >
 ISMN >
 ISRC >

Component 1 > Main Score [view]

Type > Symbolic

Format >

Component 2 > Part 1 [view]

Type > Symbolic

Format >

The presentation of classification is much more detailed, but also the presentation of each component.

2.3.4 Component presentation

To view details on component, the end user must click on the link "[view]" beside the component. Here is a typical presentation for a component:

Main Score

Type > Symbolic

Format >

Authors >

Performance >

Duration >

Resolution / size >

Copyrights >

Available operations:

Type> gives information about the type of component. It can be for example, symbolic score, but also image score, or audio, text, and so on.

Format> gives complementary information about the format of the file. For an audio file, it can be wav, mp3 and so on.

The following fields - Authors>, Performance> and so on give also complementary details on the component.

Finally, information on available operations is given, together with their prices. Operations typically available are operations such as printing, printing a part, listening, exporting and so on.

WARNING : this information is given when accessing to the Catalogue from a distant machine. But the operations are not available in this case. Operations are only available from the Local Distributor's Local Area Network.

2.3.5 Access to content of objects

By clicking the "Editor" button in the presentation of objects, (only from the Local Area Network) the end user can access the content of objects themselves, and also components, where operations are available. As

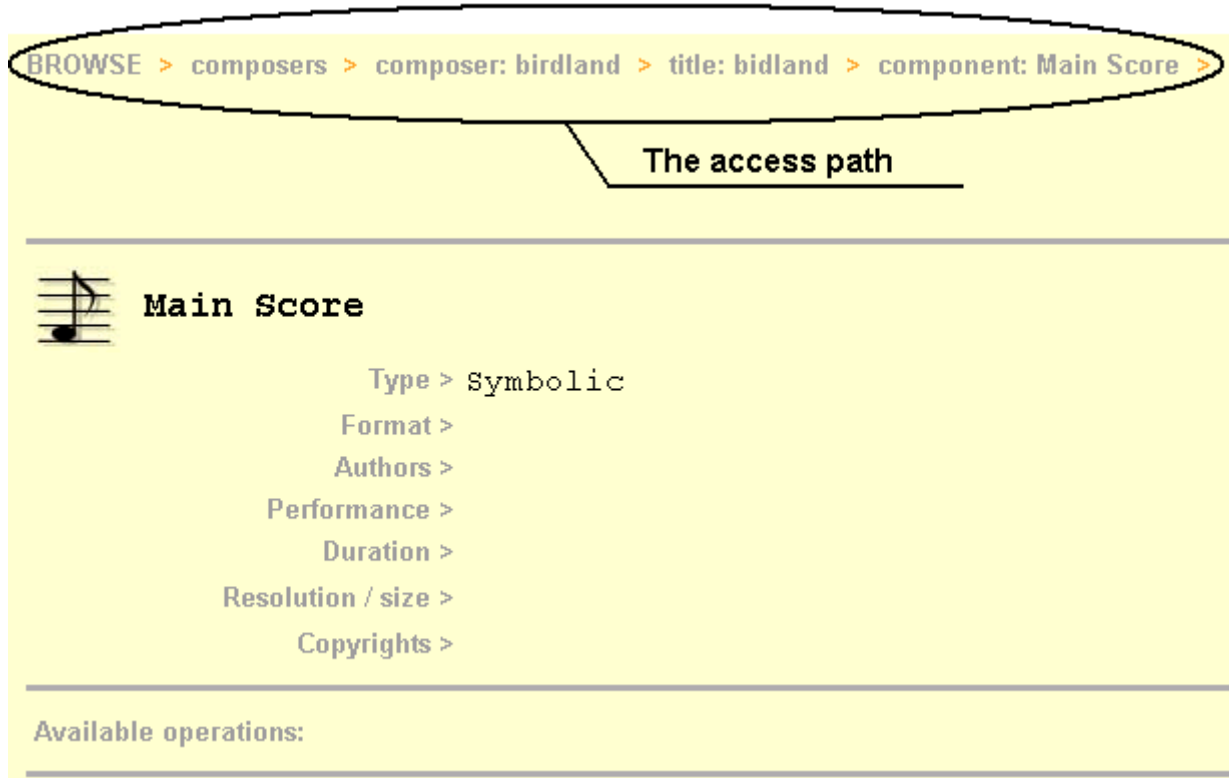
the use of W edel Objects themselves is not the goal of this document, it is not described here. Please refer to the W edel Editor and V iewer Documentation.

2.3.6 Common functions

In some cases, some functions can be presented in lists or in single records. They are detailed here.

2.3.6.1 The access path

In some cases, an access path is presented on the top of the content area. Here is a typical access path:



The access path shows the path from where the end user gained access to that page.

It gives information about the exact location in the hierarchy of the Catalogue. For instance, details are shown here on the "Main Score" component of the "Birdland" object, which was accessed by browsing by composer.

It provides also an access in the hierarchy. By clicking on one of the elements of the path, the end user returns to the desired location in that hierarchy.

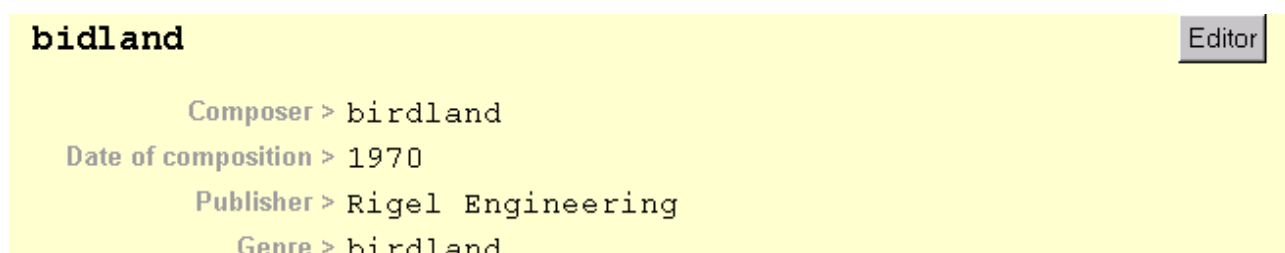
For instance, clicking on "Composers" in the access path will go back to the list of composers in the Catalogue.



2.3.6.2 The "Editor" button



The Editor button is presented whenever the access to the content of an object can be accessed, generally beside the title of an object. Here is a typical presentation of the "Editor" button:

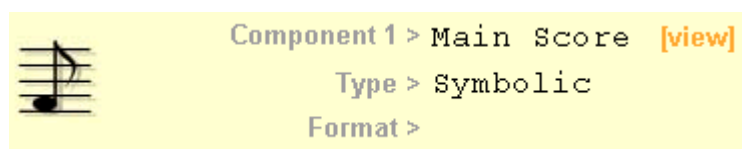


NB: The "Editor" button is not available when accessing the Catalogue from a distant machine.

2.3.6.3 The "view" link



The view link gives generally access to the description of a component. Here is a typical presentation of a "view" link:



2.3.6.4 The "Edit" link



The "Edit" link gives access to the edition of personal annotations in the catalogue. Here is a typical presentation of the "Edit" link:

birdland

Composer > birdland

Date of composition > 1970

Publisher > Rigel Engineering

Genre > birdland

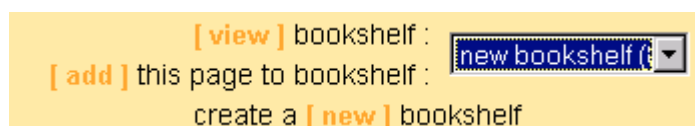
Personal annotations > This is an interesting composition [\[edit\]](#)

NB : The personal annotations are available in the catalogue for all users having a log account. They cannot be seen by users having a different account (a different user's name and password).

Search can be done on the content of personal annotations.

2.3.6.5 The "bookshelf" functions

In some cases, a "Bookshelf " area can appear. This area gives to the end user the ability to store objects of the Catalogue on private bookshelves.



The functions offered are detailed here:

- [view] bookshelf gives an easy and quick access to the content of the bookshelf chosen in the list.
- [add] this page to bookshelf adds the content of the current page to the chosen bookshelf.
- Create a [new] bookshelf gives the ability to create a bookshelf without leaving the current page, thus giving the ability to add the current page to the newly created bookshelf.

2.3.6.6 The "add to bookshelf" link

[add to bookshelf]

This link can appear in cases where the bookshelf functions area is shown.

This link appears typically beside the title of an object, giving the possibility to add a single object to the chosen bookshelf.

Here is a typical presentation of the "add to bookshelf" link:

Found: 1 object(s)
Sort the list by: title

[\[view \] bookshelf :](#)

new bookshelf (t)

[\[add \] this page to bookshelf :](#)

[create a \[new \] bookshelf](#)

[\[<< prev \]](#)

[\[new/modify search \]](#)

[\[next >> \]](#)

1. Sonata for solo violin

Editor

[\[add to bookshelf \]](#)

Composer > Bartok, Bela

Date of composition > 1944

Publisher > Boosey and Hawkes

Genre > sonata

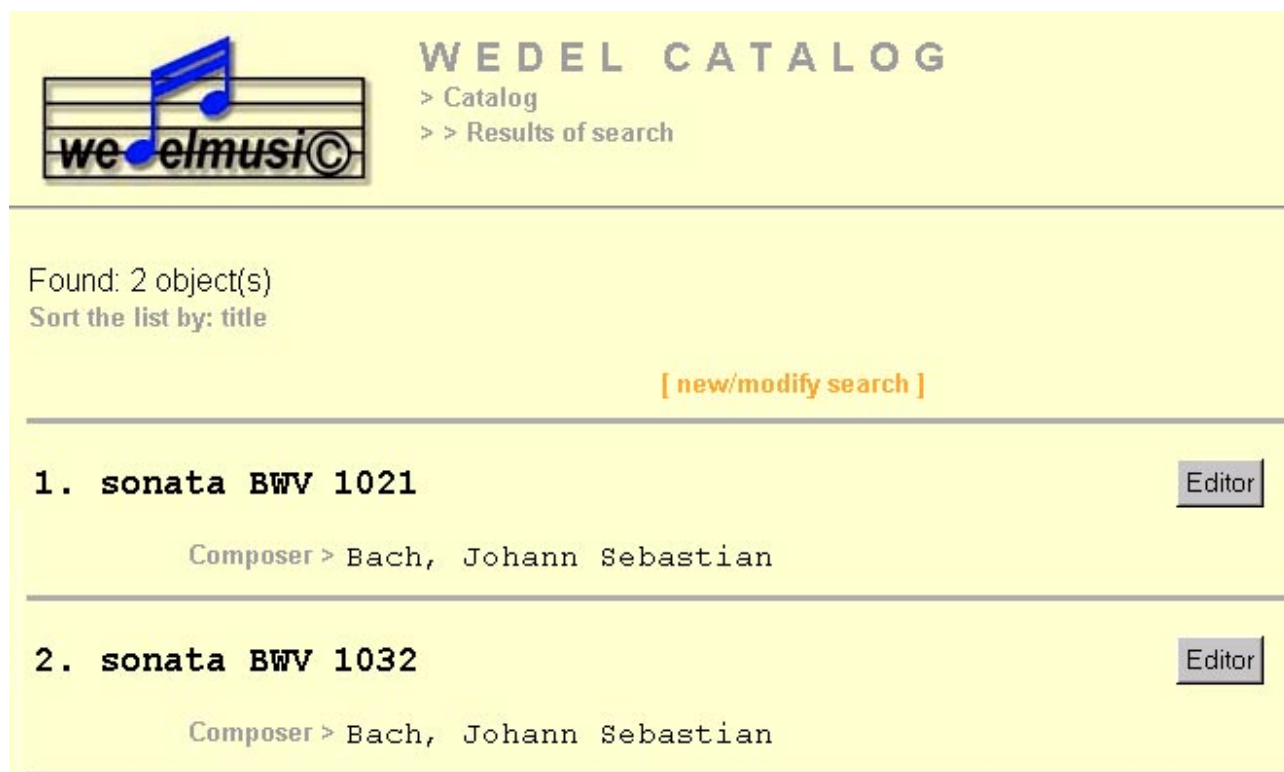
In this case, when clicking on [add to bookshelf], the object "Sonata for solo violin" by Bartok will be added to the bookshelf entitled "New Bookshelf".

2.3.6.7 The "new / modify search" link

[new/modify search]

This link appears in some cases when the result of a search is shown. It provides a way to easily modify the search.

Here is a typical presentation of this link:



WEDEL CATALOG

> Catalog
> > Results of search

Found: 2 object(s)
Sort the list by: title

[new/modify search]

1. sonata BWV 1021 Editor

Composer > Bach, Johann Sebastian

2. sonata BWV 1032 Editor

Composer > Bach, Johann Sebastian

Here the result of a search in the Catalogue is shown. By clicking on the "new / modify search" link, the query will be shown, and thus can be refined.

2.3.6.8 The "save request" link

[Save request]

The "save request" link can be used to store a particular request.

Here is a typical presentation of a request, with the "save request" link shown:

[\[Help \]](#) [\[Save request \]](#)

[\[index \]](#)

☒ AND
☐ OR [\[index \]](#)
☐ NOT

☒ AND
☐ OR [\[index \]](#)
☐ NOT

☒ AND
☐ OR [\[index \]](#)
☐ NOT

[\[clear \]](#)

This page shows for instance a request defined as a query for all objects having the word "sonata" in their title, and having J.-S. Bach as composer. This request is simple, but some refined requests can be much more complicated.

When request are stored, it's the request herself, defined as a query, which is stored, and not the current result of the request. Thus, a later use of the same request can give a different result.

2.3.6.9 The "index" link

[\[index \]](#)

The index link is shown in search forms, when an index is present for a particular field in the database. It gives a quick access to the list of values for that field.

Here is a typical presentation of this function:

[\[index \]](#)

Here, clicking on the "[index]" link will give an access to the list of composer in the Catalogue. By choosing a composer in this list – for instance, J.-S. Bach –, the corresponding field will be filled with the correct value.

2.3.6.10 The "help" link

[\[Help \]](#)

In some cases, a "help" link can appear. It gives access to a contextual help, which can vary widely according to context.

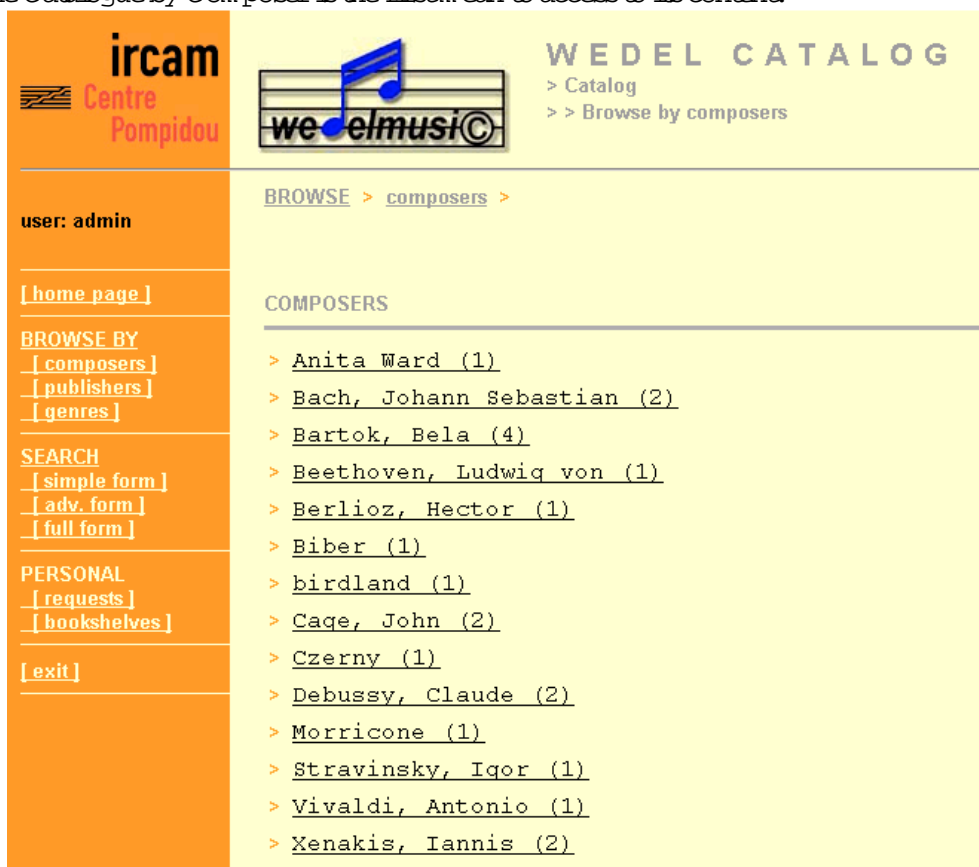
2.4 Browsing the Catalogue

Browsing the Catalogue is the first mean to access to objects stored in the Database.

End users may browse the Catalogue either by Composer, by Publisher, or by Genre. Each of these finally leads to a list of objects stored in the Catalogue, with details on each objects.

2.4.1 By Composer

Browsing the Catalogue by Composer is the first mean to access to its content.



Choosing a composer will give the end user access to a list of works of the composer present on the Catalogue. For example, by choosing Bartok, a page such as the following can be shown:



On this page, the whole works of the chosen composer present on the Catalogue are listed.

The contextual menu area shows the contextual menu "list" that is explained below in §2.6.1.

By clicking on a single title, the end user can access to the complete Catalogue record describing the work.

By clicking on the "Editor" button beside the title, the end user can access to the content of the object himself, that is to say, the score, audio files and so on.

NB : This functionality is only available when accessing to the Catalogue from the Local Distributor's Local Area Network. When accessing from a distant machine, this functionality is not available.

2.4.2 By Publisher

Browsing by Publisher will give the end users a first way to have an idea of the content of the Catalogue. Typical end users have generally a good knowledge of Publishers, and know what kind of music they usually publish.

In addition, some Publishers are frequently specialized in a specific domain, and browsing the Catalogue in this manner will give an immediate access to that specific domain.

This page shows you the list of Publishers in alphabetical order. By clicking on the Publisher's name, the end user accesses a page showing the list of titles of this Publisher present in the Catalogue.

The functionalities of this page are the same as described above in section §2.4.1 "Browsing the Catalogue by Composer". For details, please refer to this section.

2.4.3 By genre

This menu gives the end user access to a list of genres as defined by the Local Distributor's Administrator :



This page shows you the list in alphabetical order of Genres. By clicking on a genre, the end user accesses a page showing the list of titles belonging to this genre present in the Catalogue.

The functionalities of this page are the same as described above in section §2.4.1 "Browsing the Catalogue by Composer". For details, please refer to this section.

NB : For coherence of the LocalDistributor's Catalogue, the genres defined here can be quite different from the genres as defined by Publishers, as the Genres shown here are defined by the LocalDistributor.

2.5 Searching the Catalogue

2.5.1 Simple Search

Simple search gives access to a page where the end user can define a "simple" query:

[save request] gives the end user the ability to save this request for later use. The requests are saved with a name, a (short) description, together with the definition of the query being saved. To later retrieve and use a saved request, the general menu "[requests]" must be used (see below details on this menu in section §2.7.1 "Requests").

[index] beside a field gives the end user access to an index of available values for this field. By choosing a value in the list, the corresponding field will be filled with this value.

WARNING : For efficiency of this kind of query, we strongly recommend the usage of indexes. No approximate search is made in a simple query. To use an approximate search, see below, "advanced search", or "full search".

By clicking on the button "Search and display", the query is launched and results are shown in page similar to these described in section §2.4.1 "Browsing the Catalogue by Composer". For details, please refer to this section.

2.5.2 Advanced Search

The "Advanced search" menu gives access to a more sophisticated mean of defining queries :

As for the "simple search", [save request] gives to the end user the ability to save this request for later use. The requests are saved with a name, a short description, together with the definition of the query being saved. To later retrieve and use a saved request, the general menu "[requests]" must be used (see below details on this menu in section §2.7.1 "Requests").

[index] beside a field gives the end user access to an index of available values for this field. By choosing a value in the list, the corresponding field will be filled with this value.

NB : a query can be defined with a specific component type. That is to say, only objects with specific components of the chosen type will be retrieved. For instance, a musicologist can be interested only in objects containing scores in symbolic format. In this case, this specification can be given here:

Component type	
[index]	Symbolic

2.5.2.1 Wildcards

The query can make use of "wildcards". There are two distinct types of wildcards :

- the "*" wildcard, which will replace one or more characters
- the "&" wildcard, which will replace only one character.

The "*" wildcard will be used the most of the time.

Using wildcards can improve greatly the efficiency of a search.

For instance, by defining "*folksong*" as the title required, the result of the query will list all works containing the word "folksong" as part of it.

Title	
[index]	*folksong*

In the same manner, by typing "*sonat*" in the title field, the result of the query will list all works containing the required characters, that is to say, for instance, sonatas, but also sonatinas...

2.5.2.2 Boolean operators (connectors)

By using Boolean operators (or connectors), the end user can refine his search.

Here are some examples of use of these connectors:

Title	
[index]	*violin* and *concert*

will retrieve all the works whose title contains the words "violin" and "concert", for example, violin concertos.

Title	
[index]	*violin* not *concert*

will retrieve all the works whose title contains the word "violin", but not the word "concert", for example, violin sonatas, but also trios with violin and so on.

Title	
[index]	*violin* or *concert*

will retrieve all the works containing the words "violin" or the word "concert", that is to say, violin concertos, but also violin sonatas, or piano concertos and so on.

2.5.3 FullSearch

In the "full search" mode, the end user can make a query on whatever field of the database, including, for example, the ISMN number, but also on performer, on public annotations and so on.

The same improvements as in the advanced search can be used, that is to say, Boolean connectors and wildcards.

But in addition, the different fields can be connected also with connectors, and the user has the choice of the fields of the database where to search for results.

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WEDEL CATALOG
 > Catalog
 >> Search (full form)

we elmusi

user: admin [Help] [Save request]

[index] [Title]

☒ AND
☐ OR [index] [Composer]
☐ NOT

☒ AND
☐ OR [index] [Publisher]
☐ NOT

☒ AND
☐ OR [index] [Genre]
☐ NOT

Search and display [clear]

BROWSE BY
 [composers]
 [publishers]
 [genres]

SEARCH
 [simple form]
 [adv. form]
 [full form]

PERSONAL
 [requests]
 [bookshelves]

[exit]

[help] gives the end user an access to a simple help for definition of the query.

This help is summarized here :

Fill up one or more rows (the first row is mandatory).
 Choose the boolean links between the rows (AND, OR, NOT) with the radio buttons.
 Choose the corresponding fields in the listboxes.

Text fields: searches are made on each word of the phrase.
 You can use ? and * as single-char and multi-char wildcards.
 Searches are not case sensitive.

Date fields: enter year in four digit format (YYYY) or range (YYYY-YYYY).

Warning !!! when you make the following request:
 author:"Bach" OR title:"sonata" AND publisher:"Ricordi"

it is equivalent to:
 author:"Bach" OR (title:"sonata" AND publisher:"Ricordi")

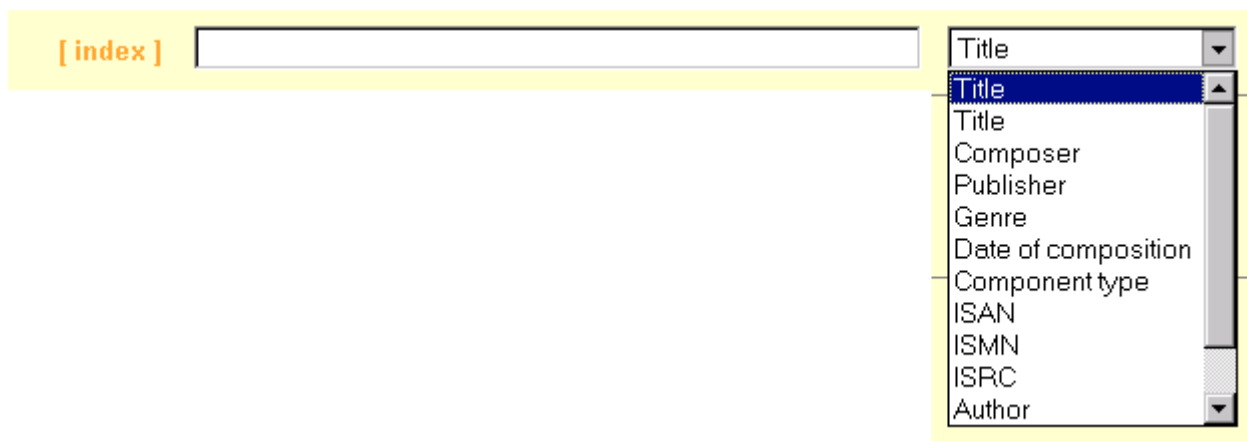
not to:
 (author:"Bach" OR title:"sonata") AND publisher:"Ricordi"

The boolean connectors are evaluated from right to left.

As for the "simple search", [save request] gives to the end user the ability to save this request for later use. The requests are saved with a name, a (short) description, together with the definition of the query being saved. To later retrieve and use a saved request, the general menu "[requests]" must be used (see below details on this menu in section §2.7.1 "Requests").

[index] beside a field gives the end user access to an index of available values for this field. By choosing a value in the list, the corresponding field will be filled with the chosen value.

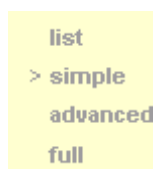
The pop-up list beside a field lets the end user choose the right field of the database where the search is to be done:



2.6 Contextual menus

2.6.1 The "List" menu

The "list" menu is shown contextually in some cases, where lists of objects are shown on the screen.



This menu lets the user choose between different modes of presentation, namely simple, advanced and full. The current presentation mode is always indicated by the ">" sign.

The current presentation mode chosen by the user is recorded into his own personal storage array. Subsequent presentations of lists will be made using the same mode, even for a different session.

2.6.1.1 Simple list presentation



For this presentation, only the title, the name of the composer and the access to the Editor are shown. This presentation is useful for long lists.

2.6.1.2 Advanced list presentation

Here is the presentation of the same list, using the advanced mode:



The screenshot shows the WEDEL CATALOG interface. At the top left is the 'we elmusi' logo. To its right is the title 'WEDEL CATALOG' with navigation links '> Catalog' and '>> Browse'. On the far right, a vertical menu shows 'list', 'simple' (highlighted), '> advanced', and 'full'. Below the header, a breadcrumb trail reads 'BROWSE > composers > composer: birdland >'. The main content area displays '1. bidland' with an 'Editor' button. Below this, metadata is listed: 'Composer > birdland', 'Date of composition > 1970', 'Publisher > Rigel Engineering', and 'Genre > birdland'. At the bottom, 'Personnal annotations >' is followed by an '[edit]' link.

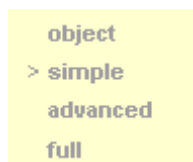
2.6.1.3 Full list presentation

Here is the presentation of the same list, using the full mode:



This screenshot shows the same WEDEL CATALOG interface but with the 'full' list view selected in the top right menu. The breadcrumb trail remains 'BROWSE > composers > composer: birdland >'. The main entry '1. bidland' still has an 'Editor' button. The metadata is identical: 'Composer > birdland', 'Date of composition > 1970', 'Publisher > Rigel Engineering', and 'Genre > birdland'. However, the 'Personnal annotations' section now contains the text 'This is an interesting composition' followed by an '[edit]' link. Below this, 'Components' are listed as 'Symbolic: 11' and 'Audio: 1'.

2.6.2 The "Object" menu



The screenshot shows a small menu titled 'object'. It contains four options: 'simple', '> simple' (highlighted with a greater-than sign), 'advanced', and 'full'.

The object menu is presented when a single object record is shown. It gives access to different presentations of the record, each of these being more detailed than the previous one.

The current presentation mode is always indicated by the ">" sign.

The current presentation mode chosen by the user is recorded into his own personal storage array. Subsequent presentations of objects will be made using the same mode, even for a different session.

2.7 Personal functions

2.7.1 Requests

The "Requests" menu leads to a page showing the personal requests of the end user.

WEDEL CATALOG	
> Catalog > > My custom requests	
[custom request #1] description >	Sonatas Search all the sonatas in the database (title contains the word "sonata") [delete]
[custom request #2] description >	bach hip hop ? bach ? hip hop ? [delete]
[custom request #3] description >	1730-1900 epok [delete]
[custom request #4] description >	concerto sdfgsdfg [delete]

The previously saved requests are shown here.

Requests can be deleted by clicking the link [delete].

Requests can be launched using the link [custom request #N]. By using this link, the request is launched, and can be then modified by the mean of the "modify request" button.

A request can be saved when a request has been defined, in the page where the search is defined, by clicking on the link "[save request]".

NB : If you want to save a request after having launched it, you can return to the definition of the request by clicking "[new / modify search]". You can even modify a saved request by launching it, and clicking on "[new / modify search]" to return to the definition of the request.

NB : The method to be used to save a request is described on §2.3.6.8.

2.7.2 Bookshelves

The menu "Bookshelves" gives an access to the list of personal bookshelves.

Here is a typical presentation of personal bookshelves:

WEDEL CATALOG	
> Catalog > > My bookshelves	
Create a [new] bookshelf	
[view bookshelf #1] description >	new bookshelf (9 objects) [empty] [delete]
[view bookshelf #2] description >	book2 (10 objects) sgfwsdfg [empty] [delete]

[view bookshelf #N] gives access to a list presentation of the bookshelf.

[empty] empties the bookshelf.

[delete] deletes the bookshelf.

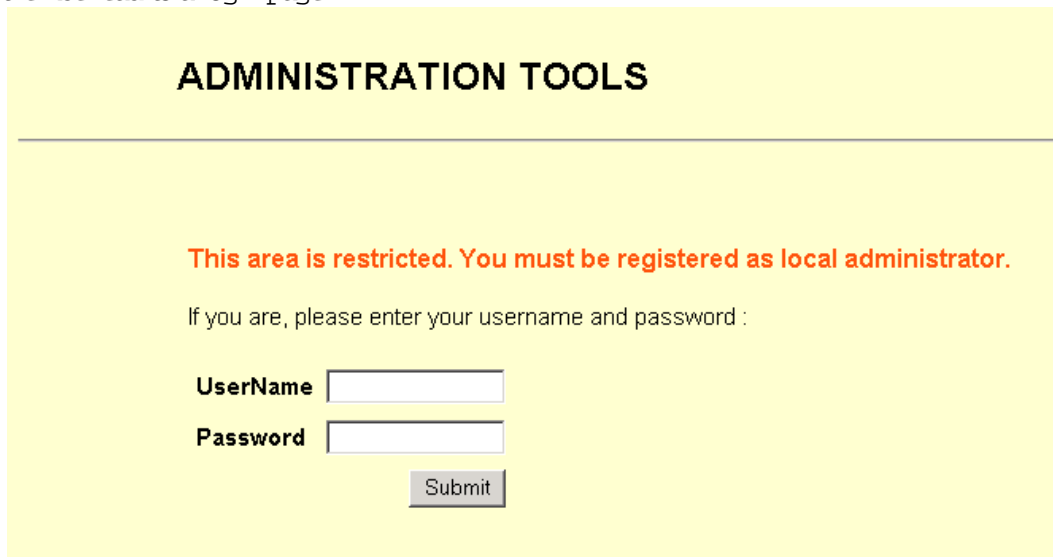
To add objects to a bookshelf, use the "bookshelf " functions, described in §2.3.6.5.

3 Administrator's functions

3.1 Access to the Catalogue

To access the Administrator's Catalogue, you must be registered as such. An Administrator can only be registered by using the method described in the Local Distributor's Installation Manual at the end of these instructions.

To access the Administration's tools, choose the shortcut which has been installed with the Local Distributor, you will then be lead to a login page :



Type here your Administrator's name and password, and then click on Submit. You will then be lead to the main Administrator's Page, which is shown below .

3.2 Administrator's main page.



The organization of this page is very near of the end user's main page, with a title region on the top left, a general menu on the bottom left, a contextual area on the top right, and a main region on the bottom right, showing the main functions.

3.2.1 Administrator's general menu

The Administrator's general menu shows several main functions:

3.2.1.1 Users

The "Users" menu (view users, edit users, new user) is devoted to the administration of end user accounts. End user accounts are needed for personalisation of the Catalogue by end users (bookshelves, queries...), and also for accessing the Catalogue him self.

By using these menus, the Administrator can create, view, modify or even delete end user accounts.

3.2.1.2 Terminals

The "Terminals" menu is devoted to the administration of terminals : creating, modifying or even deleting terminals. This menu is also used to browse the activity on the terminals, and the operations done on W edel objects.

3.2.1.3 Catalog

The "Catalog" menu is very near to the functions offered to end users, with some supplementary functions, such as the ability for the Administrator to publish or unpublish an object in the Catalogue (that is to say, to make the object available for end users or not).

The "Catalog" menu offers functions to browse or search the Catalogue, in much the same way that the functions offered to the end user.

Details on these functions are not given here. Only variants from the end user's functions are detailed.

3.2.1.4 Personal

The Personal menu offers the Administrator the same functions as the Personal menu for end users.

For details on these functions, please refer to the related sections in the end user's manual (see section §2.7).

3.2.1.5 Publishers

The Publishers menu offers the Administrator the functions needed to manage the relations with Publishers: accessing Publisher's Catalogue, choosing objects, subscribing, ordering, downloading objects.

3.2.1.6 Download

The Download menu offers functions to install downloaded objects in the Catalogue, and to publish them to make them available for end users.

3.2.2 USERS MENU

The Users menu gives the Administrator an access to the definition of end users accounts : login names and password must be defined here.

An end user's account must be given to each end user wishing to access the catalogue. This way, end users can use personal storage functions.



For very occasional users, the Administrator can create a general account (for example, "anonymous", with no password), **even if it's not advisable**.

WARNING : the Administrator must be very careful with this kind of anonymous accounts. The first light drawback is that, in this case, all users using this account will share the same personal functions (the same annotations, the same bookshelves and so on).

But a more important drawback will be that the report of operations made on WeDel objects, which are submitted to payment of rights, will be attributed to the same anonymous user. The Administrator must be careful with the usage made of objects submitted to payment of rights.

3.2.2.1 View users

This menu gives access to the whole list of users:

<div>   <div> ADMINISTRATION TOOLS > User accounts >> View user accounts </div> </div>				
user: admin [home page] USERS [view users] [edit users] [new user] TERMINALS [sessions] [new terminal] [edit terminal] CATALOG [simple search] [adv. search] [full search] [composers] [publishers] [genres] PERSONAL [requests] [bookshelves] PUBLISHERS DOWNLOAD AREA [exit]	User name	Status	Last access	Operations
	admin	admin	logged in	
	bakamidis	disabled		[edit] [enable]
	barthelemy	ok	logged in	[edit] [disable]
	bellini	ok	02/11/2000 09:28:44	[edit] [disable]
	gogos	ok		[edit] [disable]
	marcos	ok	08/03/2001 15:32:06	[edit] [disable]
	mitolo	disabled	30/10/2000 20:17:08	[edit] [enable]
	nesi	disabled	02/11/2000 10:24:19	[edit] [enable]
	puig	disabled	16/10/2000 11:26:02	[edit] [enable]
	scharrer	disabled	10/11/2000 15:43:15	[edit] [enable]
	spadoni	disabled	30/10/2000 16:53:27	[edit] [enable]

By using this list, the Administrator can see the state of the account for each user : the status (admin / disabled / ok).

- "admin" status is for the Administrator
- "disabled" is for temporarily disabled accounts
- "ok" is for normal accounts

The Administrator can also see the date of a user's last access.

He can also temporarily disable (or enable) an account, by clicking on the appropriate link "[enable]" or "[disable]".

3.2.2.2 Edit user

The Administrator can edit an end user's account, either by clicking on the link "[edit]" in the list of end user's accounts (available by the mean of the "[view users]" menu), or by selecting the menu "[edit user]", and typing the name of the user's account he wants to edit :

User account to edit:

Enter user name:

In both cases, the Administrator accesses a description of the end user account, where he can change the user's name and password.

NB : there is no way to recover the current password for an end user account. If a user forgot his password, the best solution is to redefine it.

3.2.2.3 New user

The registering of a new user is a simple operation where just the user's name, user's password, and confirmation of the user's password is required.

Register new user:

User name (login)

User password


User password (type again)

When done, a new account is created, that is immediately operational.

3.2.3 TERMINALS MENU

3.2.3.1 Sessions

The sessions menu gives access to a list of sessions, identified by terminals.
Here is typical view of this page:

		ADMINISTRATION TOOLS > Terminal accounts > > View sessions			
			255.255.255.255	AAAA	
[refresh]					
ID	IP adress	Terminal name	User	Opened at	Closed at
77	255.255.255.255	AAAA	admin	05/09/2001 18:18:02	view log close
76	255.255.255.255	AAAA	barthelemy	05/09/2001 18:15:37	view log close
74	255.255.255.255	AAAA	admin	31/08/2001 15:31:12	05/09/2001 18:18:19 view log
50	255.255.255.255	AAAA	admin	05/07/2001 11:33:35	05/09/2001 18:18:23 view log
46	255.255.255.255	AAAA	admin	04/07/2001 17:35:38	05/09/2001 18:18:24 view log

On this page, the Administrator can watch the state of the current sessions on identified terminals.

- He can see which sessions are active – such sessions doesn't have neither closing date nor time.
- He can also see the name of the current logged user.
- He can close a session which has not been properly closed.
- He can also gain access to a log of the actions done by the user.

This log gives him details about the operations done on WeDel objects.

3.2.3.2 New terminal

This menu gives the Administrator the ability to register a new Terminal, by defining an IP address, and a terminal name.

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we delmusi

ADMINISTRATION TOOLS
> Terminal accounts

user: admin

[home page]

USERS
[view users]
[edit users]
[new user]

TERMINALS
[sessions]
[new terminal]
[edit terminal]

Register new terminal account:

IP adress

Terminal name

3.2.3.3 Edit terminal

This menu gives the Administrator an access to the list of registered terminals:

ircam
Centre Pompidou

we delmusi

ADMINISTRATION TOOLS
> Terminal accounts

user: admin

[home page]

USERS
[view users]
[edit users]
[new user]

TERMINALS
[sessions]
[new terminal]
[edit terminal]

Chose a terminal account to edit:

IP address ☒	Terminal name ☒	Operations
255.255.255.255	AAAA	[edit] [delete]
255.255.255.0	BBBB	[edit] [delete]

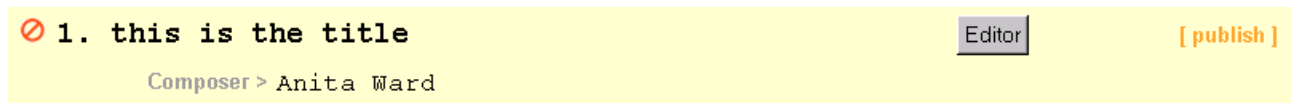
3.2.4 CATALOG MENU


The Catalog menu is nearly similar to the end-user catalogue, giving the Administrator the ability to browse the Catalogue without launching a different session.

However, there is one important difference that must be detailed here.

The Administrator can choose to temporarily disable an object from the Catalogue. This function is available whenever possible.

In the Administrator version of the Catalogue, lists are shown with slight modifications due to this function, like in the following typical example:



Here a record in a list is shown with the special sign  that shows that access is forbidden for end users.

3.2.4.1 The "forbidden access" signal



The forbidden access signal, placed just beside the title of an object, signals that this object is not available for end users.

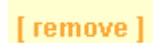
3.2.4.2 The "publish" link.



The publish link can be used to enable access to an object which was temporarily disabled. After the use of this function, the forbidden access signal disappears.



3.2.4.3 The "remove" link

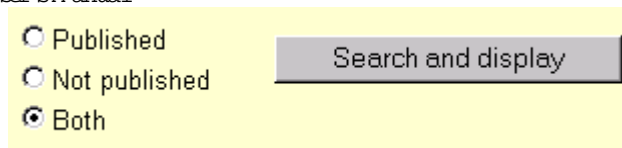


The remove link can be used to temporarily disable access to an object. After the use of this function, the forbidden access signal appears near the title of the object.



3.2.4.4 Searching for unpublished objects

In addition, in all search forms, the Administrator has an access to a specific option that lets him choose to search for unpublished objects:



☐ Published
☐ Not published
☒ Both

Search and display

The result of an empty query, choosing the "not published" option will result in a list of all unpublished objects.

3.2.5 PERSONAL MENU

The Personal menu is absolutely similar to the Personal menu of the end user. It gives the Administrator the ability to use personal functions without launching a different session.

3.2.6 PUBLISHERS Menu

The Publishers menu is used to access functions related to Publishers: the purchase of new objects is done by the mean of these functions.

3.2.6.1 Description of the process for acquisition of objects

Here is a preliminary presentation of the whole process, as an overview. Each step of the process is much more detailed in subsequent sections.

Publishers must be registered in the Database. For each Publisher the Administrator will have relations with, he must first set a personal contact with the Publisher. When an agreement has been found with the Publisher, an address will be given to you by the Edel organisation (in the form of an URL, that is to say, an http address).



The Administrator must then create the Publisher's account in the Local Distributor's Database. This account is necessary for all operations related to a Publisher. Creating a Publisher's account is described below in section §3.2.6.3, "Registering a new Publisher".

The process of acquiring objects from a Publisher is done in several steps:

- First the Administrator can select manually objects on the Publisher's Catalogue, adding them to his own basket for later ordering. This step is described below in section §3.2.6.6, "Access to the Publisher's Catalogue".
- Instead of browsing the Catalogue, the Administrator can be automatically informed of the most recently published objects. This is described below in §3.2.6.7, "Defining subscription's".
- When objects are in the basket, the Administrator can order them. This step is described below in section §3.2.6.8, "Ordering objects".
- When objects have been successfully ordered, the Administrator can download them. This step is described below in section §3.2.6.9, "Downloading objects".
- When objects have been successfully downloaded, and reside in the local Download Area, the objects can be inserted in the Local Distributor's database. This step is described below in section §3.2.7, "DOWNLOAD AREA".

3.2.6.2 Publisher's list

All functions related to a publisher, like ordering are available inside the page devoted to this Publisher. Thus, the main page for Publishers gets the list of registered Publishers.

ADMINISTRATION TOOLS

> Publishers list

user: admin

[home page]

USERS

[view users]

[edit users]

[new user]

TERMINALS

[sessions]

[new terminal]

[edit terminal]

CATALOG

[simple search]

[adv. search]

[full search]

[composers]

[publishers]

[genres]

PERSONAL

[requests]

[bookshelves]

PUBLISHERS

DOWNLOAD AREA

[exit]

[new publisher]



Publisher name ☒	Location ☒	Description ☒	Web site ☒
> <u>Boosey and Hawkees</u>	Florence		
> <u>Boosey and Hawkes</u>	New York		> www.boosey.com
> <u>Durand</u>			
> <u>Edition C.F. Peters</u>			
> <u>Editions Salabert</u>	Paris	jazz, variétés, opérette, enseignement	
> <u>J. and W. Chester</u>	Londres		
> <u>MM editions</u>			
> <u>My Publisher</u>	Florence and Livornos		> www.music.com
> <u>Publisher 0</u>	Florence		> www.music.com
> <u>Ricordi</u>	Milan	Ricordi Music Italy	> www.ricordi.it
> <u>Rigel Engineering</u>	Livorno	WEDELMUSIC Server Database	> http://wedel.ri

This page lists the registered Publishers. By clicking the Publisher's name, the Administrator accesses the functions listed below.

This page presents also a link to register a new Publisher.

3.2.6.3 Registering a new Publisher

By clicking on the link "New Publisher" on the Publisher's page (see section §3.2.6.2, "Publisher's List"), the Administrator can gain access to a page that lets him register a new Publisher.

		<h1>ADMINISTRATION TOOLS</h1> <p>> New publisher</p>																	
user: admin	[back to list]																		
[home page]	<table border="1"> <tr> <td data-bbox="395 376 603 510"> PUBLISHER: </td> <td data-bbox="619 376 1233 510"> <table> <tr> <td>name:</td> <td><input type="text" value="new Publisher"/></td> </tr> <tr> <td>Publisher information:</td> <td><input type="text" value="http://www.newpublisher.com/wedelinfo"/> [download from url]</td> </tr> <tr> <td>Publisher ID:</td> <td><input type="text"/></td> </tr> </table> </td> </tr> </table>			PUBLISHER:	<table> <tr> <td>name:</td> <td><input type="text" value="new Publisher"/></td> </tr> <tr> <td>Publisher information:</td> <td><input type="text" value="http://www.newpublisher.com/wedelinfo"/> [download from url]</td> </tr> <tr> <td>Publisher ID:</td> <td><input type="text"/></td> </tr> </table>	name:	<input type="text" value="new Publisher"/>	Publisher information:	<input type="text" value="http://www.newpublisher.com/wedelinfo"/> [download from url]	Publisher ID:	<input type="text"/>								
PUBLISHER:	<table> <tr> <td>name:</td> <td><input type="text" value="new Publisher"/></td> </tr> <tr> <td>Publisher information:</td> <td><input type="text" value="http://www.newpublisher.com/wedelinfo"/> [download from url]</td> </tr> <tr> <td>Publisher ID:</td> <td><input type="text"/></td> </tr> </table>	name:	<input type="text" value="new Publisher"/>	Publisher information:	<input type="text" value="http://www.newpublisher.com/wedelinfo"/> [download from url]	Publisher ID:	<input type="text"/>												
name:	<input type="text" value="new Publisher"/>																		
Publisher information:	<input type="text" value="http://www.newpublisher.com/wedelinfo"/> [download from url]																		
Publisher ID:	<input type="text"/>																		
USERS [view users] [edit users] [new user]	<table border="1"> <tr> <td data-bbox="395 533 603 701"> IDENTIFICATION: </td> <td data-bbox="619 533 1233 701"> <table> <tr> <td>location:</td> <td><input type="text"/></td> </tr> <tr> <td>description:</td> <td><input type="text"/></td> </tr> </table> </td> </tr> </table>			IDENTIFICATION:	<table> <tr> <td>location:</td> <td><input type="text"/></td> </tr> <tr> <td>description:</td> <td><input type="text"/></td> </tr> </table>	location:	<input type="text"/>	description:	<input type="text"/>										
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location:	<input type="text"/>																		
description:	<input type="text"/>																		
TERMINALS [sessions] [new terminal] [edit terminal]	<table border="1"> <tr> <td data-bbox="395 723 603 974"> URLs: </td> <td data-bbox="619 723 1233 974"> <table> <tr> <td>publisher's url:</td> <td><input type="text"/></td> </tr> <tr> <td>Wedel catalog url:</td> <td><input type="text"/></td> </tr> <tr> <td>genres list url:</td> <td><input type="text"/></td> </tr> <tr> <td>query url:</td> <td><input type="text"/></td> </tr> <tr> <td>order url:</td> <td><input type="text"/></td> </tr> <tr> <td>preview url:</td> <td><input type="text"/></td> </tr> <tr> <td>download url:</td> <td><input type="text"/></td> </tr> </table> </td> </tr> </table>			URLs:	<table> <tr> <td>publisher's url:</td> <td><input type="text"/></td> </tr> <tr> <td>Wedel catalog url:</td> <td><input type="text"/></td> </tr> <tr> <td>genres list url:</td> <td><input type="text"/></td> </tr> <tr> <td>query url:</td> <td><input type="text"/></td> </tr> <tr> <td>order url:</td> <td><input type="text"/></td> </tr> <tr> <td>preview url:</td> <td><input type="text"/></td> </tr> <tr> <td>download url:</td> <td><input type="text"/></td> </tr> </table>	publisher's url:	<input type="text"/>	Wedel catalog url:	<input type="text"/>	genres list url:	<input type="text"/>	query url:	<input type="text"/>	order url:	<input type="text"/>	preview url:	<input type="text"/>	download url:	<input type="text"/>
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genres list url:	<input type="text"/>																		
query url:	<input type="text"/>																		
order url:	<input type="text"/>																		
preview url:	<input type="text"/>																		
download url:	<input type="text"/>																		
CATALOG [simple search] [adv. search] [full search] [composers] [publishers] [genres]																			
PERSONAL [requests] [bookshelves]																			
PUBLISHERS DOWNLOAD AREA																			

This page let you define the specific data of this Publisher.

You just have to type the name of the Publisher (here "new Publisher", and type the location of the Publisher's information (here <http://www.newpublisher.com/wedelinfo>). This information must be given to you by the Wedelmusic organization.

Having defined the location of "Publisher's information", just click on the link "Load from URL". All needed information (Publisher's ID, identification, URLs and genres) will be automatically filled with the correct information given by the Publisher.

When this information has been received, you must click on the "Save Publisher's Data" button.

The following example shows the same page, after retrieving information directly from Publisher, and shows the "Save Publisher's Data" button:

[back to list]															
PUBLISHER:	name: <input type="text" value="new Publisher"/> Publisher information: <input type="text" value="http://www.newpublisher.com/wedelinfo"/> [download from url] Publisher ID: <input type="text"/>														
IDENTIFICATION:	location: <input type="text" value="Publisher's location"/> description: <input type="text" value="Publisher specialized in ancient and Baroque music"/>														
URLs:	publisher's url: <input type="text" value="www.wwwwwww.wwww"/> Wedel catalog url: <input type="text" value="www.wwwwwww.wwww"/> genres list url: <input type="text" value="www.wwwwwww.wwww"/> query url: <input type="text" value="www.wwwwwww.wwww"/> order url: <input type="text" value="www.wwwwwww.wwww"/> preview url: <input type="text" value="www.wwwwwww.wwww"/> download url: <input type="text" value="www.wwwwwww.wwww"/>														
GENRES: [add a genre]	<table border="1"> <thead> <tr> <th>name</th> <th>description</th> <th>id</th> <th></th> </tr> </thead> <tbody> <tr> <td><input type="text" value="ancient"/></td> <td><input type="text" value="ancient music"/></td> <td><input type="text" value="idx"/></td> <td>[delete]</td> </tr> <tr> <td><input type="text" value="baroque"/></td> <td><input type="text" value="baroque music"/></td> <td><input type="text" value="idy"/></td> <td>[delete]</td> </tr> </tbody> </table>	name	description	id		<input type="text" value="ancient"/>	<input type="text" value="ancient music"/>	<input type="text" value="idx"/>	[delete]	<input type="text" value="baroque"/>	<input type="text" value="baroque music"/>	<input type="text" value="idy"/>	[delete]		
name	description	id													
<input type="text" value="ancient"/>	<input type="text" value="ancient music"/>	<input type="text" value="idx"/>	[delete]												
<input type="text" value="baroque"/>	<input type="text" value="baroque music"/>	<input type="text" value="idy"/>	[delete]												
<input type="button" value="Save publisher data"/>															

This action registers the new Publisher in your database.

3.2.6.4 Publisher's status

The main page related to a Publisher gives you all information about the status of ordering related to a Publisher, and access to the whole set of functions.

Here is a typical presentation of this page:

[back to publishers list]								
PUBLISHER:	Rigel Engineering Edit [data] of this publisher							
WEDEL CATALOG:	> http://wedel.rigel.li.it/cgi-bin/nl/nls_cgi.exe/server							
SUBSCRIPTIONS:	<table border="1"> <thead> <tr> <th>name</th> <th>composer</th> <th>genre</th> </tr> </thead> <tbody> <tr> <td>> Subscription to Classical music</td> <td></td> <td>Classikmusik</td> </tr> </tbody> </table> <p>There are 0 pending proposals for these subscriptions</p> <p>Make a [new] subscription</p>		name	composer	genre	> Subscription to Classical music		Classikmusik
name	composer	genre						
> Subscription to Classical music		Classikmusik						
BASKET:	<p>There are 2 objects in the BASKET for this publisher</p> <p>In order to download objects you first have to [order] them.</p>							
DOWNLOAD:	<p>There are 1 objects ready to be [downloaded] for this publisher</p> <p>Date of last ordering: 2001-07-17</p> <p>Actually downloading: Togni-in-Alter-Zeit (-)</p>							

3.2.6.5 Modifying Publisher's information

Edit [data] of this publisher

The link "[data]" shown below the Publisher's name gives you access to the page defining Publisher's data (described in section §3.2.6.3, "Registering a new Publisher").

3.2.6.6 Access to the Publisher's Catalogue, and adding objects to the basket.

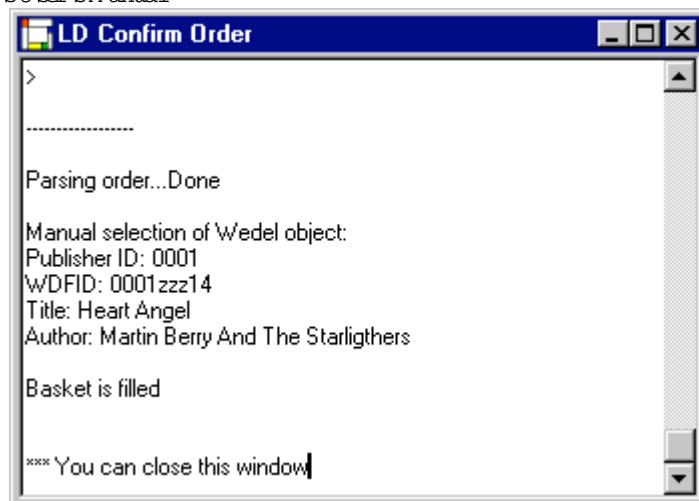
WEDEL CATALOG: > http://wedel.rigel.li.it/cgi-bin/nl/nls_cgi.exe/server

The link shown in regard of the "WEDEL CATALOG" title gives you a direct access to the Publisher's Catalogue, in a new browser window.

On these pages, you can browse the Publisher's Catalogue, and choose the publications that are of interest for you, by clicking on the "add to the basket" link.

NB : As these pages have to be defined by Publishers, they cannot be described here.

When clicking on the "add to the basket" link on Publisher's pages, you will see a small window giving to you a short confirmation of your action:



The object is now in the basket, ready to be ordered. It can be ordered later.

3.2.6.7 Defining subscriptions

Subscriptions are a way to get informed of novelties on the Publisher's site.

You can define a subscription by defining a genre, or a composer, for which you will be informed of novelty. When a new object is published on the Publisher's site, you will be automatically informed.

SUBSCRIPTIONS:	name	composer	genre
	> Subscription to classical music		Classikmusik
There are 0 pending proposals for these subscriptions			
Make a [new] subscription			

Here we see that we have a subscription named "Subscription to classical music", which is defined as a subscription to the genre "Classikmusik" as defined by this Publisher, and that there are no pending proposal for this subscription.

3.2.6.7.1 Creating a subscription

To define a new subscription, click on the "[new]" link. You will get a page which let you define your subscription:

New subscription for publisher: Rigel Engineering | [back to Rigel Engineering](#) |

Enter a short name

Genre to subscribe

Composer to subscribe

Since (enter a date in format: DD-MM-YYYY)

You can define the subscription by giving a name, defining either the name of the Composer, or the Genre (as defined by the Publisher), by choosing in a list that appears when clicking on the arrow button on the right of the "Genre" field. You can also define the date from which you will be informed (all publications made before this date will be ignored).

Finally, click on "Register", to register this new subscription.

3.2.6.7.2 Adding subscription's proposals to the basket.

When there are proposals for a subscription, you can gain information about these by clicking on the subscription's title.

name	composer	genre
>Subscription to Classical music		Classikmusik

You gain access to a page giving you information about objects:

[back to Rigel Engineering]	
SUBSCRIPTION:	Subscription to classical music Description: genre = Classikmusik Publisher: Rigel Engineering Last request: Monday 09/07/2001 [unsubscribe]
OBJECTS:	There is no pending object for this subscription
	[remove all] from basket [delete all] [add all] to basket

You can get precise information about these objects by clicking on the titles shown (if they are present), which leads you to the Publisher's page describing precisely the object. On this page, you can decide to add the object to the basket if you are interested in.

- [remove all] will remove all the objects from the basket (but letting these pending in the subscription for later ordering).
- [add all] will add all objects to the basket, making them ready for ordering.
- [delete all] will delete all objects from the subscription (they will not be proposed to you again).
- [unsubscribe] deletes the subscription herself.

3.2.6.8 Ordering objects

To order objects, you must have preliminarily added these to the basket, either by selecting them manually on the Publisher's site, or by the way of a subscription.

BASKET:	There are 2 objects in the BASKET for this publisher In order to download objects you first have to [order] them.
----------------	--

[order] gives you an access to a page that lets you define your order.

Basket for: Rigel Engineering [[back to Rigel Engineering](#)]

Number of objects: 2

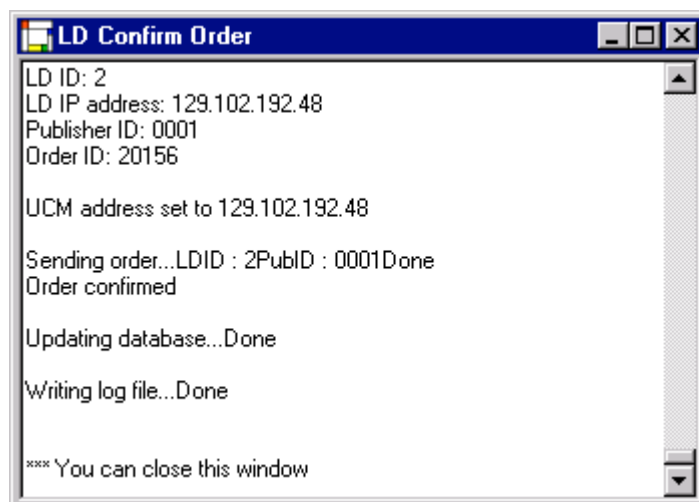
Select <input type="checkbox"/>	Title <input type="checkbox"/>	Composer <input type="checkbox"/>
<input type="checkbox"/>	> A Lettera	Carlos Roque" Alsina
<input type="checkbox"/>	> Heart Angel	Martin Berry And The Starlighters
[select all] [deselect all]		Order selected objects [delete]

Select from the objects listed here those

- [[select all](#)] will select all objects
- [[deselect all](#)] will deselect all objects
- [[delete](#)] will remove the selected objects from the basket

By clicking on "Order selected objects, you will have access to a page which is a form describing the details of your order. Since this page is generated on the Publisher's side, it cannot be described here.

When your order is complete, you will get a confirmation message in a simple window showing this information:



3.2.6.9 Downloading objects

When your order is confirmed, you can download objects:

DOWNLOAD:	There are 2 objects ready to be downloaded for this publisher
	Date of last ordering: 2001-09-03
	Actually downloading: Togni-in-Alter-Zeit (-)

By clicking on the " [[downloaded](#)] " link, you gain access to a page listing objects ready to be downloaded:

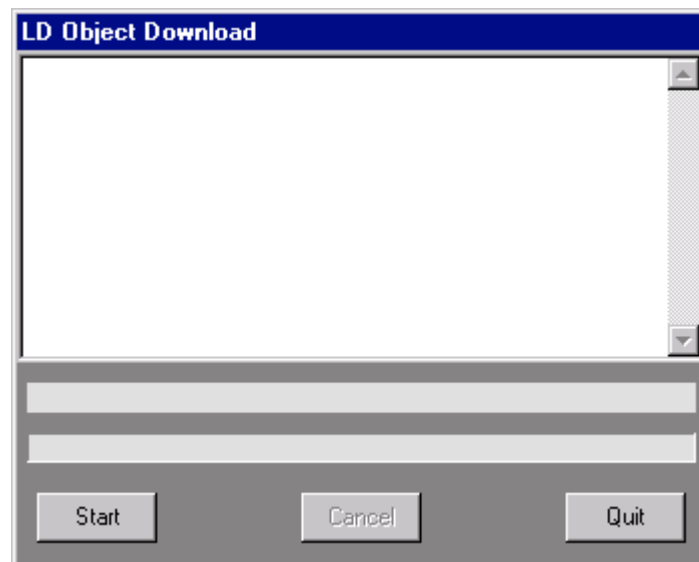
List of objects waiting to be downloaded**Publisher: Rigel Engineering** [[back to Rigel Engineering](#)]

Number of objects: 2

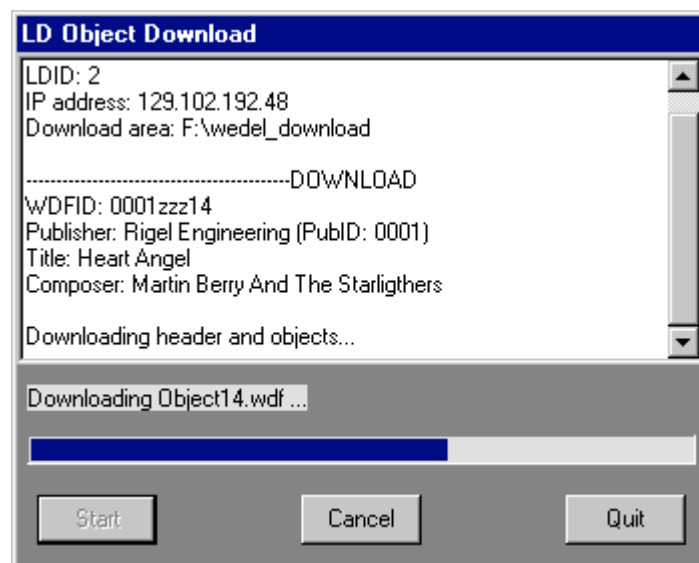
Select	Title	Composer
<input type="checkbox"/>	> Heart Angel	Martin Berry And The Starligthers
<input type="checkbox"/>	> Togni-in-Alter-Zeit	-
[select all]		Download selected objects
[deselect all]		

By selecting objects and clicking then on the button "Download selected objects", you launch the downloading process.

The downloading process is managed by the way of a specific application, shown here :

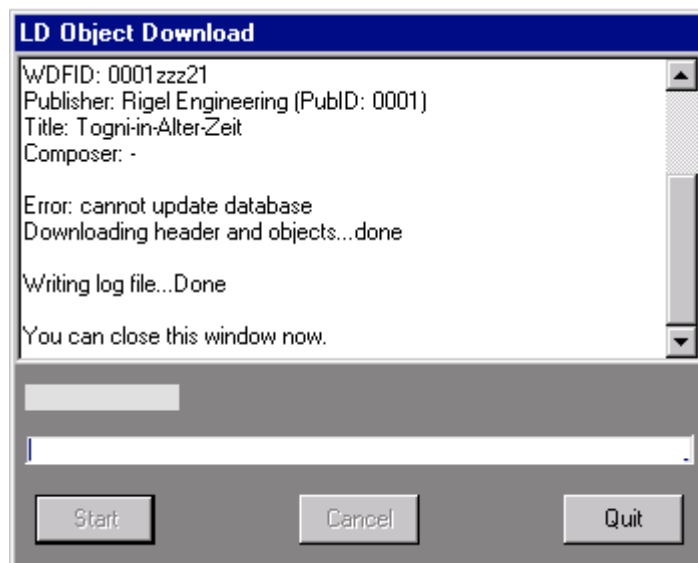


By clicking on "start", you launch the process him self:



The window shows detail on the process, by showing a progress status bar, and the name of the objects being downloaded.

When the whole process of downloading is finished, you can complete the process by clicking on the "quit" button:



3.2.7 DOWNLOAD AREA Menu

This menu gives you access to the list of just downloaded objects (see section §3.2.6.9, "Downloading objects"), to install them in the LocalDistributor's database:



By clicking on the title of an object, you launch the process of insertion in the database.

A window is shown which lets you control the process:

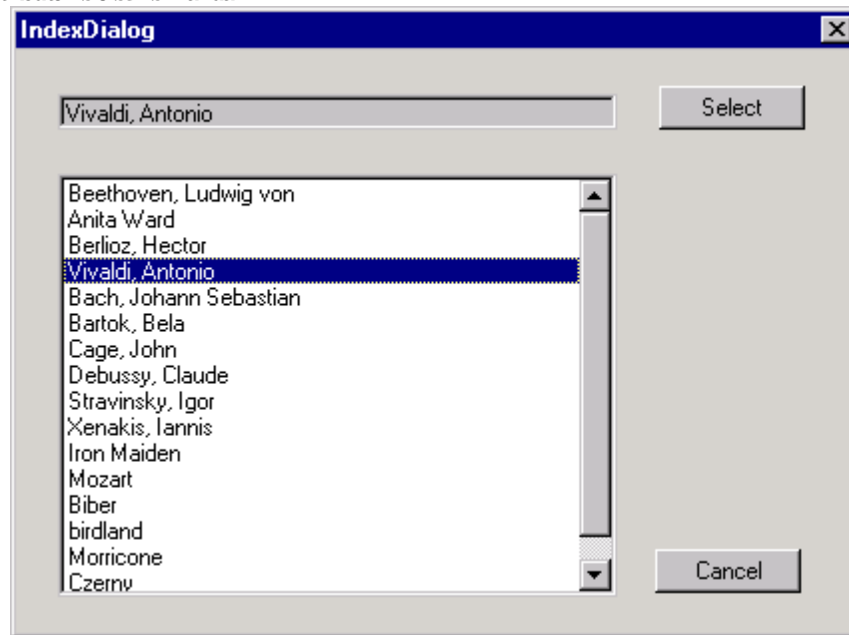
On the first tab "Object", you will find information about the object him self as defined by the Publisher.

A number of characteristics have to be defined by the Administrator: the Author's name, the genre, and also the storage path. You can also select the language for classification, if there are more than one.

3.2.7.1.1 Defining author's name

If the author doesn't currently exists in the database – as it is the case here, since the word "NEW" is shown near the author's name –, you can define it by clicking on the "New" button. A window is shown which lets you define the author's name:

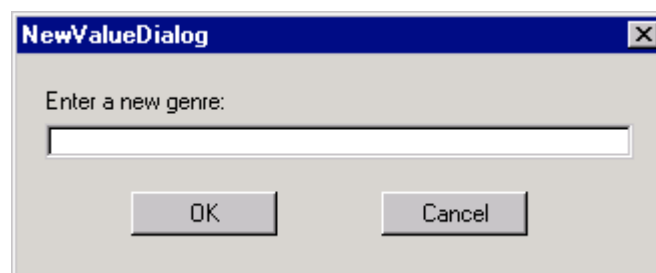
If the author already exists in the database, you can choose from the "Index" button beside the "Author from LD data" field. Clicking on this button will show you a list of authors already registered in the database.



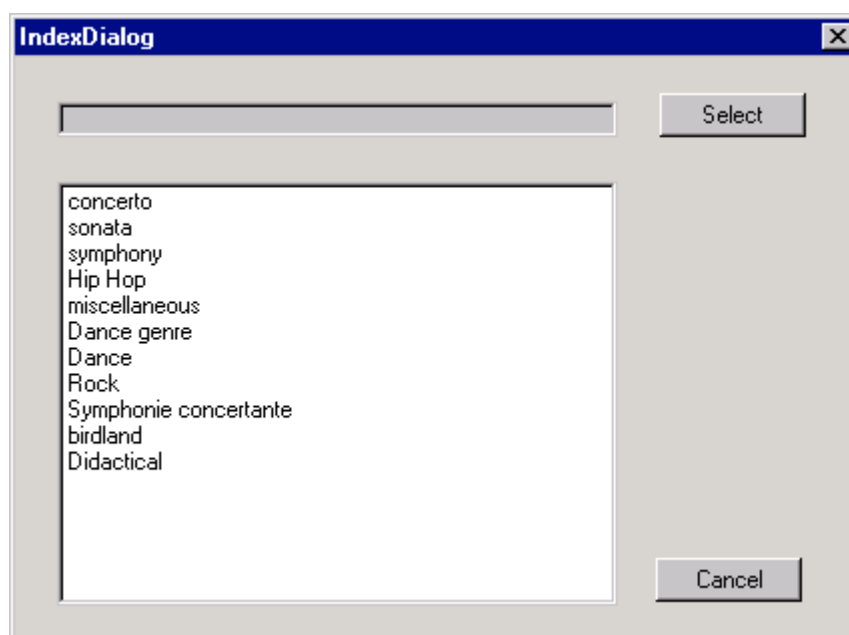
You can select the author by clicking on its name, and clicking "Select".

3.2.7.1.2 Defining the genre

If the object pertains to a genre which is not already defined, you can define it now by clicking the button "New" near the "Genre" field. This will show a window where you can define the genre:



If the object pertains to a genre already defined, you can choose from the current list by clicking on "Index":



You can select a different storage location by clicking on the "..." button near the "Storage path" field:



In the window shown, you can select a different storage path. The new selected storage path will be used by default for subsequent objects insertion, until you change the storage path.

3.2.7.1.4 Changing the classification language

On the lower left of the window shown, there is a field showing the current language of classification (here "Italian"):



By clicking on the arrow button on the right, you will see a list of the available languages for classification. Select the desired one.

3.2.7.1.5 Changing other characteristics

You can also change the other characteristics (only for fields on a white background).

WARNING : these changes are not recommended, unless you very well know the consequences.
In doubt, don't make changes on other fields than those listed above.

3.2.7.2 Defining prices

For each component of the object, and for each operation, prices are defined by the Publisher.

You can define here your own prices, by selecting the component, and selecting the desired operation :

Wedel Object Reader

File Help

Object Symbolic Symbolic Symbolic Symbolic Symbolic Symbolic ImageScore ImageScore ImageScore ImageScore ImageScore Audio

Publisher data

WDFCID: 000000000018

Type: Symbolic

Description: Main Score

Operation	Start Date	End Date	Price
Export_Op	20011001	20201001	120
Execute_Op	20011001	20201001	100
Link_Op	20011001	20201001	0
Export_Op	20011001	20201001	100

Currency: FRANC

Annotations:

Cancel Restore values Transfer to DB

WEDEL Object Reader

For each operation, you can define your own price by clicking on the line describing the operation:

PriceDialog

Price: 120

OK Cancel

3.2.7.3 Inserting the object in the database

When all the desired fields have been defined, you can definitely insert the object by clicking "Transfer to DB".

When the object has been inserted successfully in the database, it will disappear from the download storage area.

4 Installation of the Local Distributor Database and tools.

4.1 Preliminary installations

THE APACHE WEB SERVER AND THE MYSQL DATABASE MUST BE INSTALLED ON THE SERVER.

Apache must be installed as an NT service (automatic)
minor changes to httpd.conf file are probably needed (designation of the main server page).

4.2 Installation on the server:

4.2.1 Installation of php - 4.0.6

Install php as a CGI executable (php.exe)

Procedure:

Download: php-4.0.6-Win32.zip from <http://php.net/downloads.php>
(CGI binary plus server API versions for Apache. MySQL support built-in, not the version with the Windows installer)

Extract the zip file to the installation directory (for example F:\php4).

Copy the file php.ini-dist to the %SYSTEMROOT% directory (c:\winnt or c:\winnt40 for NT/2000 servers) and rename it php.ini.

Edit php.ini:

Set extension_dir to the directory where you have placed your 'php_*.dll' files. For example:
extension_dir = F:\php4\extensions
(I didn't use quotation marks, and I used backslashes).

Set doc_root to the Apache document root. I used this:
doc_root = F:\Apache Group\Apache\htdocs
(backslashes, no quotation marks).

Stop the Apache server.

Edit the httpd.conf file:

```
ScriptAlias /php4/ "F:\php4/"
AddType application/x-httpd-php4 php4
AddType application/x-httpd-php4 php4
Action application/x-httpd-php4 "/php4/php.exe"
```

Restart the Apache server.

4.2.2 Installation of wedel_db database:

Install MySQL and Apache on the same server.

When MySQL is installed, the administrator name is "root", with no password.

mysql.exe is in the /bin directory.

Download a graphic user interface to make changes in the database (for example MySQL Admin at <http://www.atronic.hr/mysql/>).

- copy the wedel_db_struct.sql file to your mysql directory (for example F:\mysql),

- to create the database, use the command :

```
mysql -h hostname -u root < mysql_dir\wedel_db_struct.sql
where hostname is your server hostname (in my case: Vivier)
```

This will create the database, with one administrator (login: admin /pass: wedel) in the users table (tbl_useraccount).

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Create a directory for downloading W edel objects on the server (for example F:\wedel_download).

Create a directory for LD _log files on the server (for example F:\wedel_log).

Create a directory for W edel objects storage on the server (for example F:\wedel_storage).

Then fill the table tbl_ldinfo in the DB (this table should have only 1 row):

- ldid -> the LD ID (I used LD ID=2 for testing ARTEC SUCM and W CP APIs);
- ipaddress -> the IP address of the server;
- downloadarea -> the full path of wedel_download (in my case: \\V ivier\wedel\wedel_download);
- logdir -> the full path of wedel_log (in my case: \\V ivier\wedel\wedel_log);
- storagepath -> the full path of wedel_storage (in my case: \\V ivier\wedel\wedel_storage);

If you want to use the LD Administration Tools from different terminals, wedel_download, wedel_log and wedel_storage must be shared directories and you must fill the fields (downloadarea, logdir and storagepath) with UNC notation (for example: \\server\share\wedel_download).

Then you have to fill the next fields:

- logdir_php -> the full path of wedel_log, but not UNC location (for example: F:\wedel_log)
- downloadarea_php -> the full path of wedel_download, but not UNC notation;

These are temporary; it is due to the fact that php4 doesn't cope with UNC (!!!). This should have been fixed in the 4.0.6 version.

Copy the LD web pages (wedel directory) to your web server root.

If you have defined a password for the MySQL administrator, you have to change the wedelconnect.inc file:

```
replace: $link = mysql_connect("localhost", "root")
by:      $link = mysql_connect("localhost", "root", "password")
```

4.2.3 Installation of the Subscription Service:

Be sure to have winhttp5.dll in your system directory (winnt\system32 on NT/2000).

Copy the W edelSubscribe.exe file to your server.

To install the service use:

```
wedelsubscribe -i
```

Then run the service from the Windows Services Manager.

If you want to stop the service, use the Windows Services Manager.

To uninstall the service (after having manually stopped it):

```
wedelsubscribe -u
```

(It may take a long time before it disappears from the Services Manager window).

This service will perform the subscription requests once a day (it reads the tbl_subscription table and updates the tbl_ordering table).

4.3 Installation of the terminals:

For each terminal (but not the server) you must create a temporary download directory.

For each terminal (including the server machine if you want to use it as a terminal) you must create a directory for the wedel executables (for example C:\wedel_bin),

Then copy the wedel.db.ini file to the system directory of the machine (c:\winnt\system32 for NT/2000)

and modify it like this:

```
[settings]
host=hostname (hostname of the server)
user=root
password=password (if you have not defined a MySQL admin password, let it blank)
database=wedel_db
```

[directories]

bin=local full path of wedel_bin on this terminal (for example: C:\wedel_bin)

Copy the following files to the wedel_bin directory:

```
LDConfirmOrder.exe
LDObjectDownload.exe
libmysql.dll
ObjectReader.exe
stopprocess.exe
WCPLDRequest.dll
downloadprocess.exe
xerxes-c_1_3D.dll
WedelOrderFilter.dll
```

For each terminal (including the server machine if you want to use it as a terminal) you must fill the `tbl_term` account table in the database:

- `termip` -> the terminal IP address;
- `termname` -> the terminal hostname;
- `downloadarea` -> the full path of the local download area on this machine (the files will be transferred automatically to the server's download area after downloading) (not UNC; for example C:\wedel_download).

Note that for the server, `tbl_term` account `downloadarea` and `tbl_ldinfo` `downloadarea` point to the same directory.

For example, there are settings assuming that VIVIER is the server, HAAS is a terminal:

`tbl_ldinfo`

download area	ld id	logdir	ipaddress	downloadarea_php	logdir_php	storagepath
\\Vivier\wedel\wedel_download	2	\\Vivier\wedel\wedel_download	129.102.192.48	F:\wedel_download	F:\wedel_log	\\Vivier\wedel\wedel_storage

`tbl_termaccount`

termip	termname	termstat	downloadarea
129.102.192.56	HAAS		c:\wedel_download
129.102.192.48	VIVIER		F:\wedel_download

4.3.1 Installation of the text/wedelordermime filter:

From the wedel_bin directory, type the command:

```
regsvr32 WedelOrderFilter.dll
```

This registers the dll (it makes entries in the Windows registry so that any incoming text/wedelordermime-type data can be read by the dll).

All you need is the dll being present on the system and registered in the registry.

(to unregister: `regsvr32 /u WedelOrderFilter.dll`)