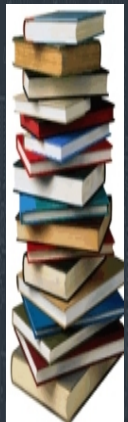


# Implementing a publication platform for “grey” documents in the frame of **UPB-CTTIP ROMDOC Project**

Marius Titus Bercaru  
Anca Dumitrescu  
Carmen Predescu  
Valentin Plesu



RomDoc Workshop  
Bucharest February, 9 2007



# RomDoc Project

## Hardware

**Server Sun Enterprise 220R**

**Book Scanner Konica Minolta PS 7000**

**Dedicated workstation**

**Networking**

## Software

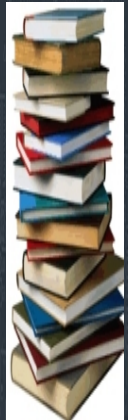
**SRZ ProScan Book v.3**

**Adobe Acrobat**

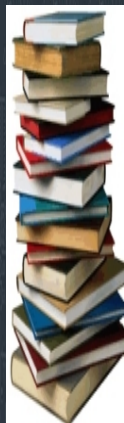
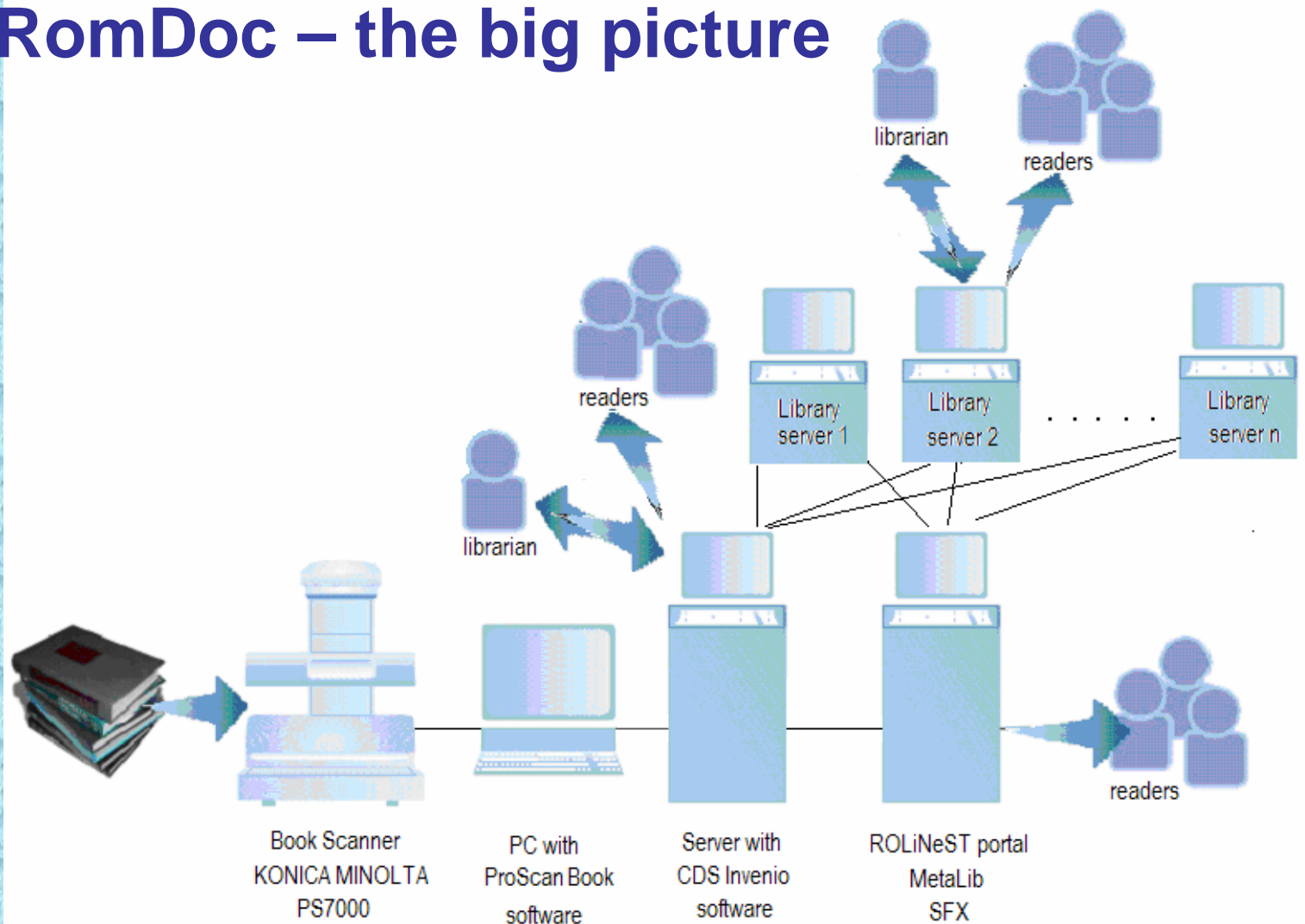
**Abby Fine Reader**

**CDS Invenio (CDSWare)**

## Knowledge



# RomDoc – the big picture





### I. Installation and configuration of CDS Invenio

#### 1. Site preparation

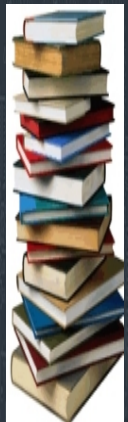
Hardware installation

DNS registration

#### 2. OS install

OS selection

OS install and configure



# RomDoc Project

**Work done so far:**

## I. Installation and configuration of CDS Invenio

### 3. Software install and configure

e-mail system

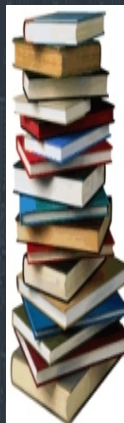
database server

web server

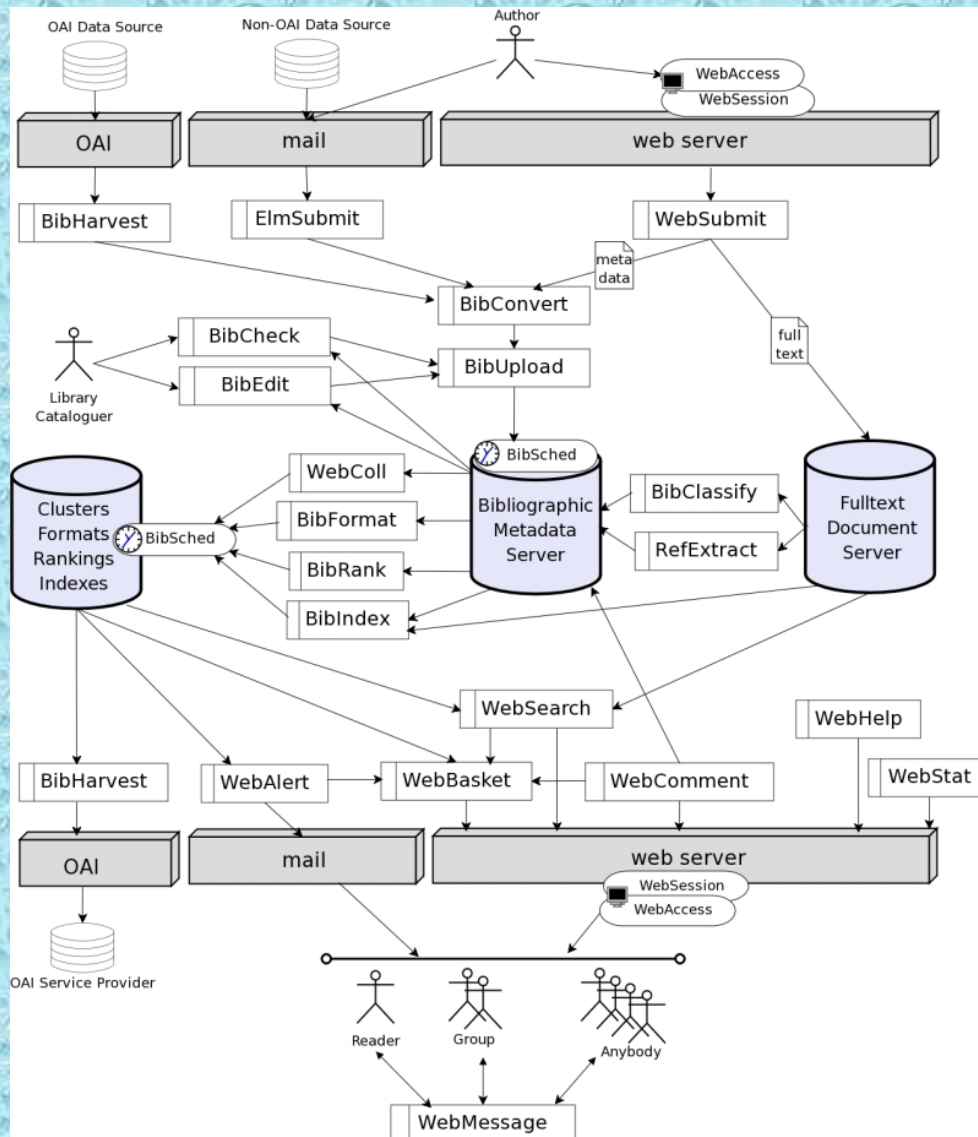
### 4. CDS Invenio install

release

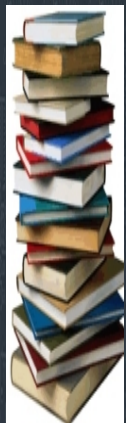
CVS



# CDS Invenio



<http://romdoc.upb.ro/hacking/modules.html>





### I. Installation and configuration of CDS Invenio

#### 5.CDS Invenio customization

MARC representation

BibIndex

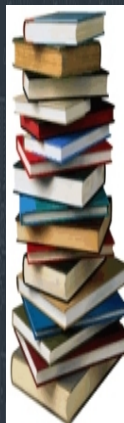
BibFormat

BibHarvest

WebAccess

WebSearch

WebSubmit

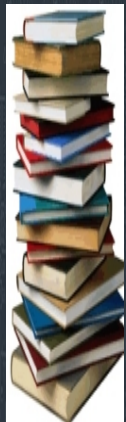


### I. Installation and configuration of CDS Invenio

#### MARC representation

METADATA CONCEPT	PROPOSED MARC 21 REPRESENTATION
-----	-----
Abstract	520 \$a
Author, first	100 \$a
Author(s), additional	700 \$a
Collection identifier	980 \$a
Email	8560 \$f
Imprint	260 \$a,b,c; 300 \$a
Keywords	6531 \$a
Language	041 \$a
OAI identifier	909C0 \$o
Publication info	909C4 \$* [many subfields]
References	999C5 \$* [many subfields]
Primary report number	037 \$a [unique throughout the system!]
Additional report number(s)	088 \$a
Series	490 \$a,v
Subject	65017 \$a
Title	245 \$a
URL (e.g. to fulltext)	8564 \$u, \$z

<http://romdoc.upb.ro/admin/howto/marc.html>





### I. Installation and configuration of CDS Invenio

#### Edit Logical Field

Edit logical field 'shelving control number'

Menu

0. [Show all](#)
1. [Modify field code](#)
2. [Modify translations](#)
3. [Modify MARC tags](#)
4. [Delete field](#)
5. [Show field usage](#)

3. Modify MARC tags for the logical field 'shelving control number' [?]

Menu

[Add MARC tag](#)

[Delete unused MARC tags](#)

No fields exists

Add MARC tag to logical field

Add new tag:

Tag value

8524\_j

Tag

MARC code for shelving control number

comment

Or existing tag:

Tag

- Select a tag -

Add tag

UPB - CTTIP  
ROMDOC

Search Submit Personalize Help

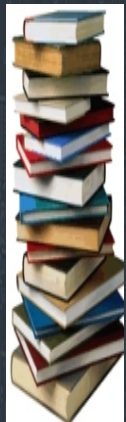
Home > Admin Area > BibIndex Admin

### BibIndex Admin

[Manage indexes](#)  
For modifying indexes.

[Manage logical fields](#)  
For modifying logical fields.

[BibIndex Admin Guide](#)  
Everything you want to know about BibIndex administration



### I. Installation and configuration of CDS Invenio

#### Format Template Default HTML detailed

##### Menu

0. [Close Editor](#) 1. Template Editor 2. [Mod](#)

##### Format template code

B | I | Link | Ext. Link | IMG | UL | OL | LI | P | Close Ta

« H1 H2 H3 H4 B-QUOTE CODE PRE DL DT DD TABLE TR TD U S NOBR Footnote

```
<br>
<BFE_ADDITIONAL_REPORT_NUMBER prefix="<br> <strong>OPAC: </strong><a
href='http://aleph.library.pub.ro:8991/F?func=find-b&find_code=SYS&request= "
suffix="'>See record in BC-UPB Aleph web OPAC</a>" separator=" " nbMax=""
default="" escape="" />
<BFE_CITED_BY prefix="<br/><br/><strong>Cited by:</strong> try citation
search for ">
```

Save Changes

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ROMDOC

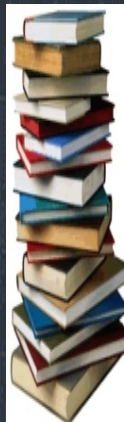
admin :: a

Search

Submit

[Home](#) > [Admin Area](#) > BibFormat Admin

## BibFormat Admin





### I. Installation and configuration of CDS Invenio

#### BibHarvest Admin

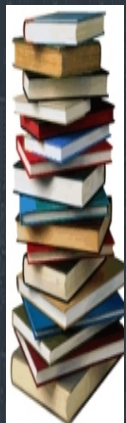
##### BibHarvest Admin Interface

Configure your OAI sources and harvesting periodicity.

##### OAI Repository Admin Interface

Define OAI repository.

```
sundoi:~# /opt/romdoc/bin/oaiarchive -apo 'romdoc:thesis'
OAI Archive Task Submission
=====
Username: admin
Password:
2007-02-08 16:52:51 --> Task #131 submitted.
sundoi:~# /opt/romdoc/bin/oaiarchive -apo 'global'
OAI Archive Task Submission
=====
Username: admin
Password:
2007-02-08 16:53:10 --> Task #132 submitted.
sundoi:~#
```





### I. Installation and configuration of CDS Invenio

#### WebAccess Admin

##### Manage WebAccess - Full Functionality.

Start area for WebAccess administration. Here you have all possibility to manage, grant and revoke rights to anyone.

##### Delegate Rights - With Restrictions.

Delegate the rights to a specified number of roles. Everything you can do here is also allowed in the Main Admin Area. Contact Main Administrator for delegation rights.

##### Manage Accounts.

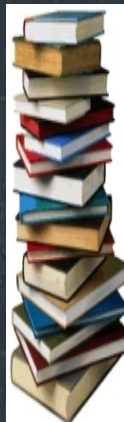
Start area for WebAccess Account Administration. Here you can enable, disable and modify accounts.

##### 8 matching accounts

id	
24	c_predes
576	dostafe@
632	erica.ote
50	m_berca
556	repa@u
1	romdoc.
61	v_plesu
5	webcoll@romdoc.upb.ro

**Active** [Inactivate](#) / [Delete](#) [Edit account](#)

The account 'erica.ote@romdoc.upb.ro' has been activated.  
An email has been sent to the owner of the account.



### I. Installation and configuration of CDS Invenio

#### Collection Management

##### Menu

0. [Show all](#)      1. [Create new collection](#) 2. [Attach collection to tree](#) 3. [Modify collection tree](#) 4. [Webcoll Status](#)  
5. [Collections Status](#)

Modify collection tree: UPB-CTTIP Romdoc Project [?] [Printer friendly version](#)

Narrow by collection:

Focus on...:

- ✗ UPB-CTTIP Romdoc Project
  - ✗ Central Libraries of Universities
    - ✗ The Central Library of University POLITEHNICA of Bucharest
      - ✗ UPB PhD Theses
        - ✗ Full Text PhD Theses - UPB
    - ✗ Central Library of the University "Ovidius" Constanta
    - ✗ Central Library - University of Craiova
    - ✗ Central Library of the Technical University Timisoara
  - ✗ Central University Libr...
  - ✗ Central Universi...
  - ✗ Bucharest
  - ✗ Central Universi...
  - ✗ Blaga" Cluj-Nap...
  - ✗ Central Universi...
  - ✗ Eminescu" Iasi
  - ✗ Central Universi...
  - ✗ Todoran" Timiso...
  - ✗ Romanian Academy Lib

- ✗ UPB-CTTIP Romdoc Project
  - ✗ Full text documents

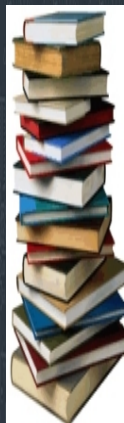
UPB - CTTIP  
ROMDOC

admin :: account :: messages

Search Submit Personalize

[Home](#) > [Admin Area](#) > [WebSearch Admin](#) > Collection Management

## Collection Management





### I. Installation and configuration of CDS Invenio

UPB - CTTIP  
ROMDOC

Search Submit Personalize

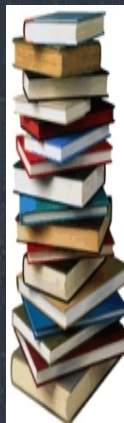
[Home](#) > [Admin Area](#) > [WebSubmit Admin](#)

## WebSubmit Admin

WebSubmit Admin Interface  
Starting area for managing submissions.

eter

```
245---<datafield tag="245" ind1=" " ind2=" "><subfield code="a"><:TI::TI:>
260---<datafield tag="260" ind1=" " ind2=" "><subfield code="c"><:Dat::yy:
<:Dat::dd:></subfield></datafield>
300---<datafield tag="300" ind1=" " ind2=" "><subfield code="a"><:Num::Num
(,,p):></subfield></datafield>
500---<datafield tag="500" ind1=" " ind2=" "><subfield code="a"><:NO::NO:>
520---<datafield tag="520" ind1=" " ind2=" "><subfield code="a"><:AB::AB:>
653lx---<datafield tag="653" ind1="1" ind2=" "><subfield code="a"><:KW*:K
690C---<datafield tag="690" ind1="C" ind2=" "><subfield code="a"><BC UPT><
700::RANGE(2,1000)::MINLW(82)---<datafield tag="700" ind1=" " ind2=" "><su
code="a"><:AU*:AU:></subfield><:AF*:AF::IF(,,<subfield code="u">):><:AF*
(,,</subfield>):></datafield>
8560x---<datafield tag="856" ind1="0" ind2=" "><subfield code="f"><:SuE::S
8564x---<datafield tag="856" ind1="4" ind2=" "><subfield
code="u">http://romdoc.upb.ro/record/<:SN::SN:/files/</subfield><subfield
```



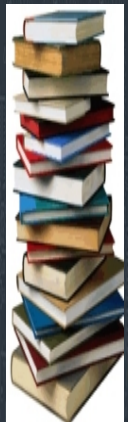


# RomDoc Project

**Work done so far:**

- ✓ Document selection
- ✓ Scanning process and quality control
- ✓ Cataloguing and URL allocation
- ✓ Presentation

•



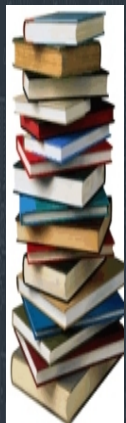
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### Document selection

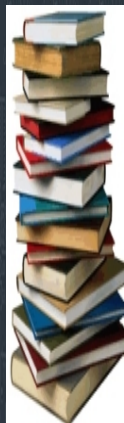
- ❖ PhD theses
- ❖ Master degree theses
- ❖ Articles and preprints
- ❖ Educational Material
- ❖ Books and reports
- ❖ Conference proceedings
- ❖ Journals
- ❖ Research reports
- ❖ Multimedia documents



### Scanning process and quality control



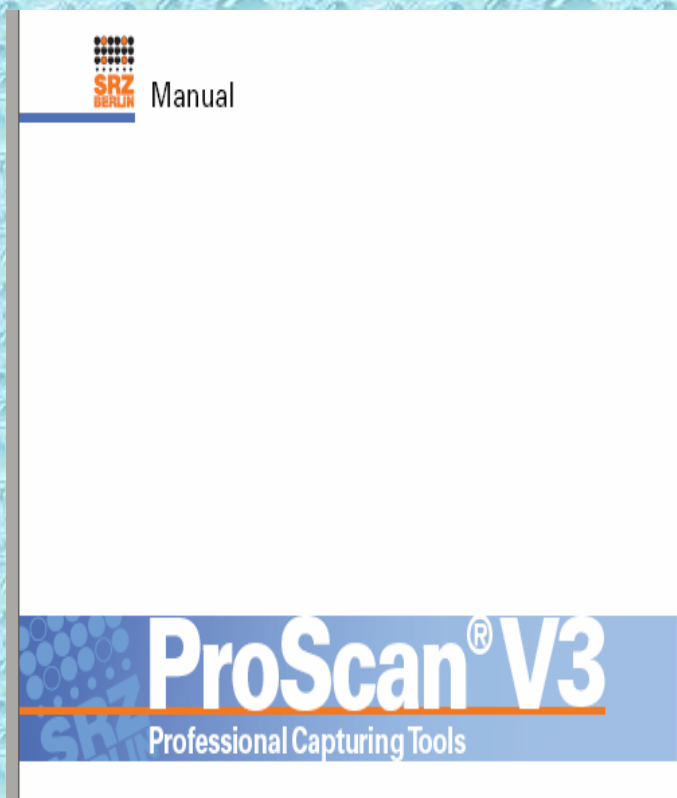
The scanning is performed with a PS 7000 Minolta scanner due to the high scanning speed and the high performance functions it offers.





# RomDoc Project

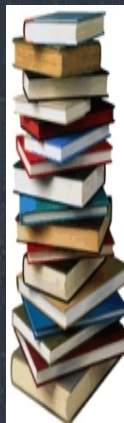
**Work done so far:**



The scan software used in our project is

"SRZ ProScan Book V3", developed by the

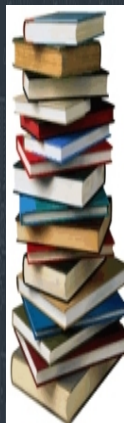
Satz-Rechen-Zentrum  
Company in Berlin



### Cataloguing and URL Allocation

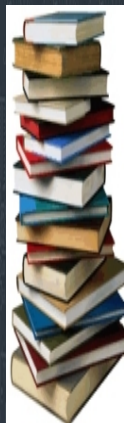
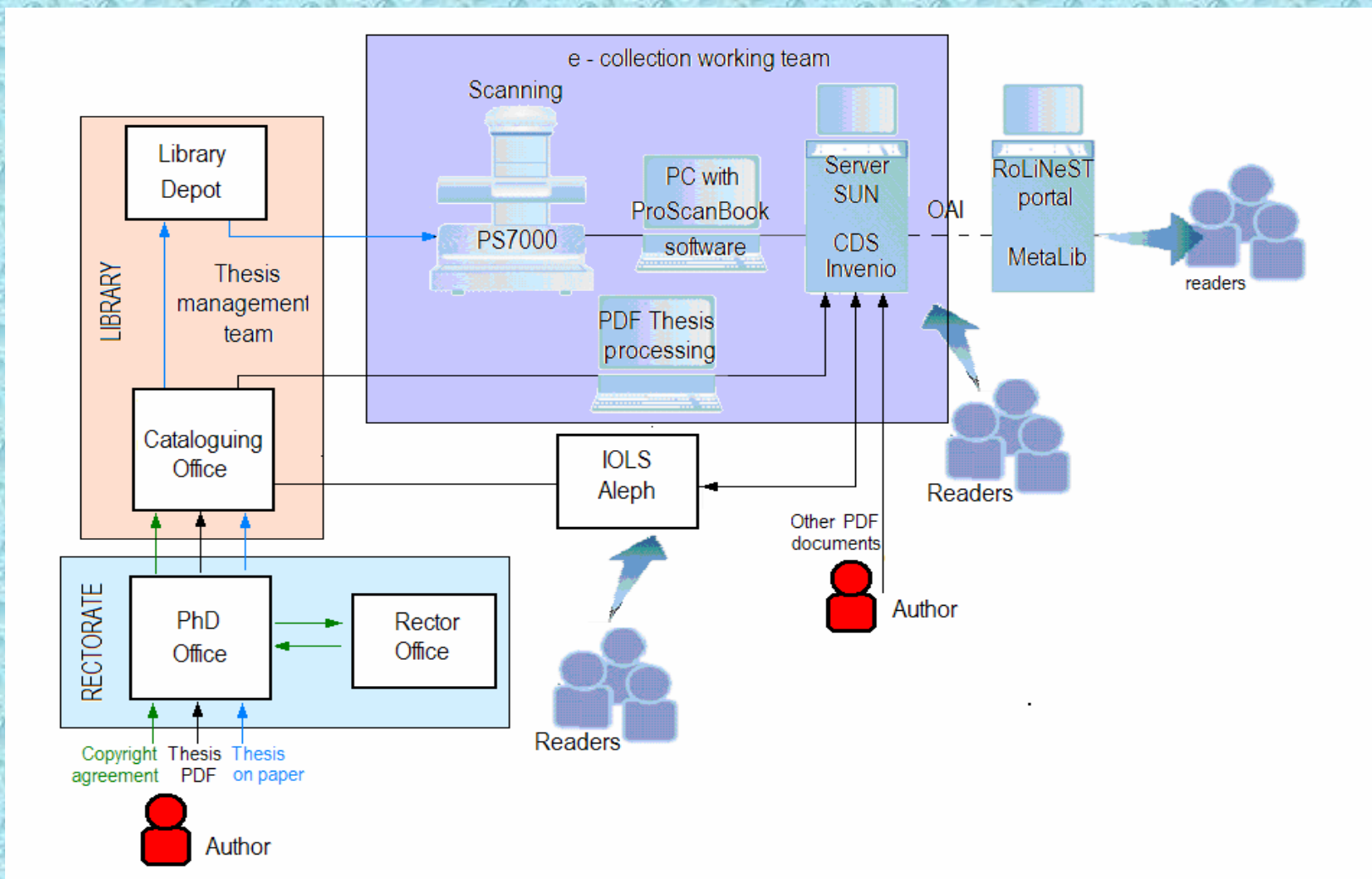
The library accomplishes cataloguing and indexing according to the actual standards, with the adopted bibliographic format (UNIMARC, MARC21) following the steps:

- Questioning the data base
- Choice of the registering format
- The development of a new catalogue file
- Creation of a New record
- Apportionment of the title to the subsidiary libraries



# RomDoc Project

**Work done so far:**



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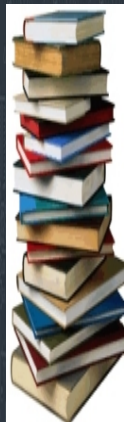
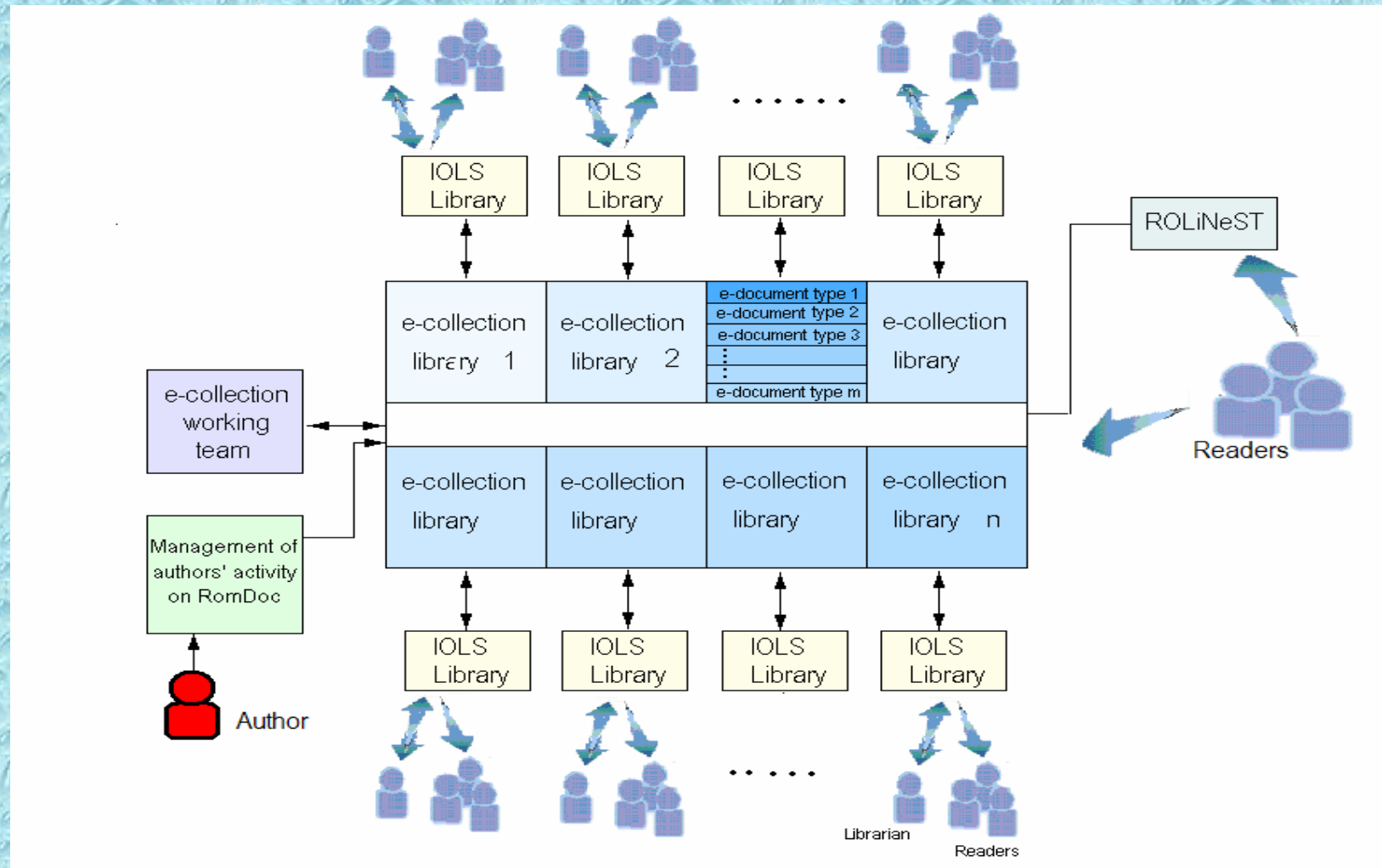




# RomDoc Project

Work done so far:

## Internal structure of RomDoc



# RomDoc Project

Work done so far:

## Presentation

### UPB-CTTIP Romdoc

Search 477 records for:

[Search Tips](#) :: [Advanced Search](#)

#### Narrow by collection:

- ☒ **Central Libraries of Universities** (476)  
[The Central Library of University POLITEHNICA of Bucharest](#) (474) [Central Library of the University "Ovidius" Constanta](#) (0) [Central Library - University of Craiova](#) (0) [Central Library of the Technical University Timisoara](#) (2)
- ☒ **Central University Libraries** (1)  
[Central University Library "Carol I" Bucharest](#) (0) [Central University Library "Lucian Blaga" Cluj-Napoca](#) (0) [Central University Library "Mihai Eminescu" Iasi](#) (0) [Central University Library "Eugen Todoran" Timisoara](#) (1)
- ☒ **Romanian Academy Library** (0)
- ☒ **Specialized Libraries** (0)  
[Library of the National Institute of Physics and Nuclear Engineering "Horia Hulubei"](#) (0)
- ☒ **University Libraries** (0)  
[Library of the University "Transilvania" of Brasov](#) (0) [Library of the Technical University of Civil Engineering Bucharest](#) (0) [Library of the University "Dunarea de Jos" Galati](#) (0) [Library of the University of Petroșani](#) (0) [Library of the University Petroleum – Gas Ploiești](#) (0)
- ☒ **Document types** (477)  
[Articles & Preprints](#) (1) [Books & Reports](#) (2) [Multimedia & Arts](#) (0) [PhD Theses](#) (474)

#### Focus on:

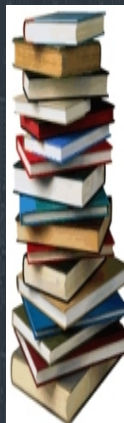
[Full text documents](#) (6)

#### ABOUT THIS SITE

This is the front-end of the RomDoc document server, based on [CDS Invenio](#), implemented and hosted by [UPB-CTTIP](#) as part of [RomDoc Project](#), a partnership with [ETH Zurich Library](#) and [Central Library of UPB](#).

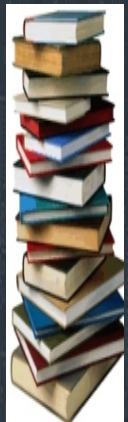
#### SEE ALSO

[ROLiNeST](#)  
[BC-UPB Web](#)  
[OPAC](#)



# RomDoc Project

Work done so far:



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# RomDoc Project

Work done so far:

Adobe Acrobat Professional - [Cap5\_Determinarea\_graficelor\_de\_lucru\_pentru\_instalatiile\_chimice\_multiscop[1].pdf]

File Edit View Document Comments Tools Advanced Window Help

Search Create PDF Comment & Markup Send for Review Secure Sign Forms Help

Select 60%

Bookmarks Signatures Pages Attachments Comments

Determinarea graficelor de lucru pentru instalațiile chimice multiscop

planificate de 730 la 745 conduce la creșterea profitului maxim care are valoarea 149188 \$, cu o scădere corespunzătoare a cheltuielilor suplimentare datorate asigurării stocurilor minime la 3767\$. Aceste costuri se referă la o perioadă de un an, perioada pe care a fost făcută planificarea producției simultan cu obținerea graficelor de lucru. Creșterea numărului de loturi planificate este limitată de restricția care impune ca timpul de lucru necesar prelucrării acestora să fie inferior timpului de lucru disponibil. Creșterea numărului de loturi planificate de la 745 la 750 a determinat apariția situației în care nu există soluție fezabilă. Cantitățile realizate din fiecare produs precum și numărul de loturi prelucrate sunt date în tabelul 5.10.

Tabelul 5.10

Produs	Cantitate [ambalaje]	Număr loturi
A	175500	117
B	444000	148
C	120000	30
D	900000	450

Exploatarea optimă a instalației corespunde următoarei alocării a fondului total de timp: 16% pentru produsul A, 18% pentru produsul B, 4% pentru produsul C și 62% pentru produsul D (figura 5.3).

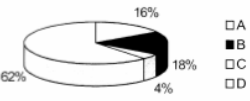
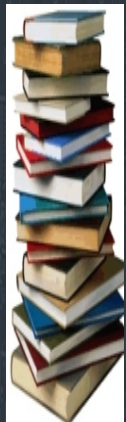


Figura 5.3 Modul optim de utilizare a instalației

14 of 25

Start Workflow\_feb200... Raport ROMDOC ... scanare Cap5\_Determin... Windows Media Pl... UPB-CTTIP Romd... EN 18:18



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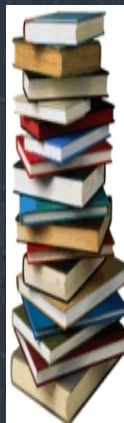
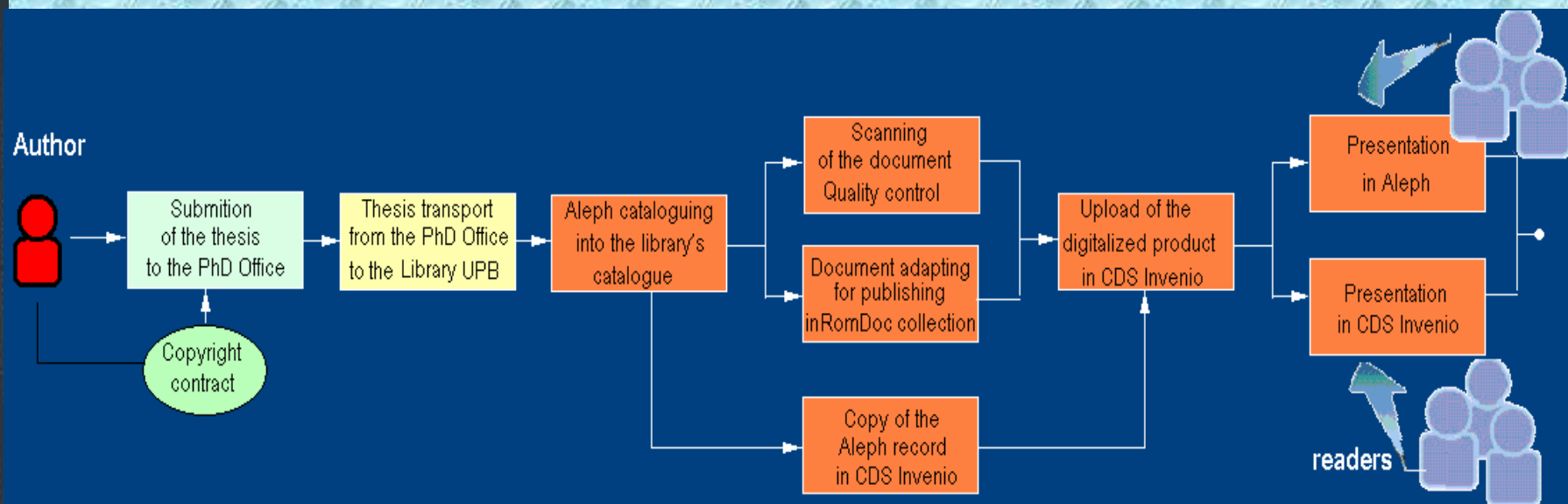
24



# RomDoc Project

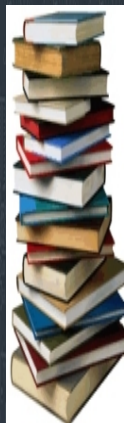
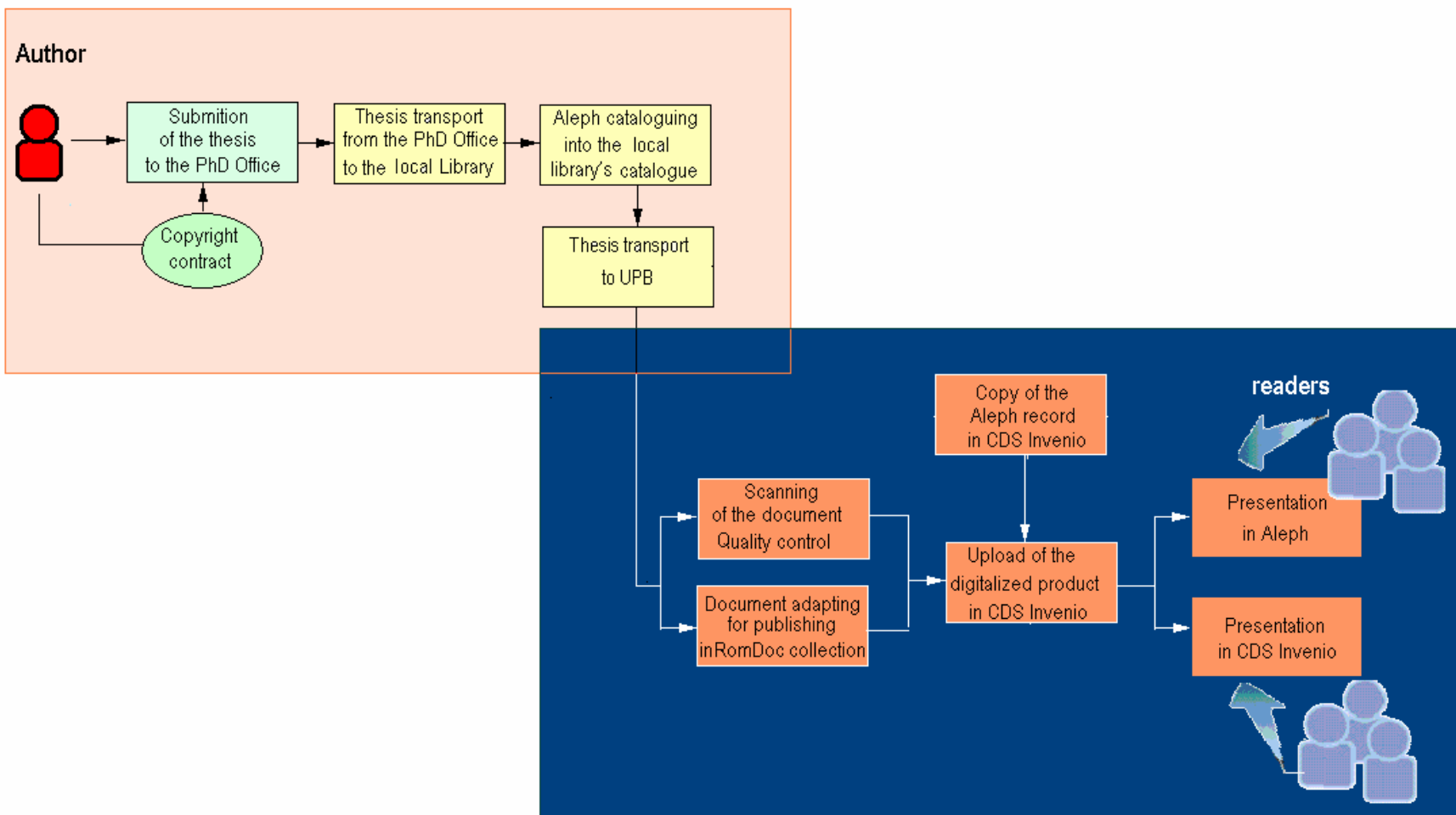
## Next steps

**For a PhD Thesis from UPB the workflow includes the following steps :**

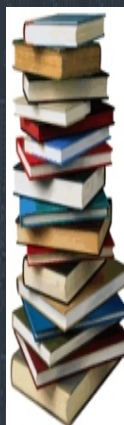


# RomDoc Project

## Next steps







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