



FACULTY OF ARTS
CHARLES UNIVERSITY
IN PRAGUE

Institute of Information Studies and Librarianship



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PUBLICATION METADATA IN CERIF INSPIRATION BY FRBR

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OUR MOTIVATION

Tracking publications in CERIF

“Textbook” cases easy

Real-world cases not as easy

E.g.

- a paper that appears both online and in print

- a paper where we also track the pre-print and the post-print

- a paper that later appears as a book chapter

☞ CERIF is very flexible

Expressive □

Many ways how to do one thing

WHY TRACK PUBLICATIONS IN CRIS?

Functions of Scientific Communication

by Herbert van de Sompel et al. 2004:

1. *Registration*

-> claim precedence for a scholarly finding

2. *Certification*

-> establish validity of a registered scholarly claim

3. *Awareness*

-> let actors in the scholarly system be aware of new claims and findings

4. *Archiving*

-> preserve the scholarly record over time

5. *Rewarding*

-> reward actors for their performance in the communication system

WHY TRACK PUBLICATIONS IN CRIS?

basically:

TO DEMONSTRATE
WE ARE DOING
RELEVANT RESEARCH

WHY TRACK PUBLICATIONS IN CRIS?

in short:

to show off

HOW TO TRACK PUBLICATIONS IN CRIS?

BE PRAGMATIC!

COMMON EUROPEAN RESEARCH INFORMATION FORMAT

The **cfResultPublication** entity

- A broad definition
- A couple of attributes
 - some multi-lingual, e.g. the title

Vocabulary terms: closer qualification

Federated identifiers

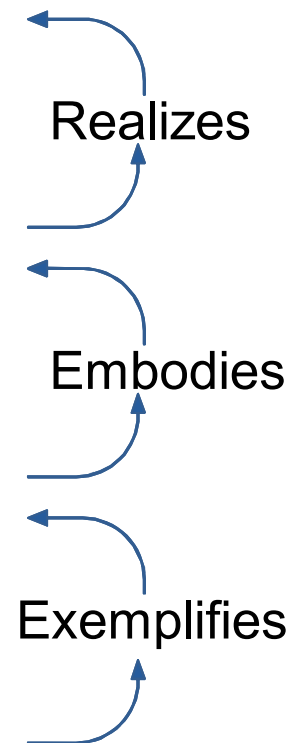
Links to other CERIF objects: context

- incl. to other cfResultPublications

FUNCTIONAL REQUIREMENTS FOR BIBLIOGRAPHIC RECORDS

A very clean model from LIS

- Work
 - a distinct intellectual or artistic creation
- Expression
 - the contents of a manifestation
- Manifestation
 - the set of same items
- Item
 - *what you can hold in your hand*



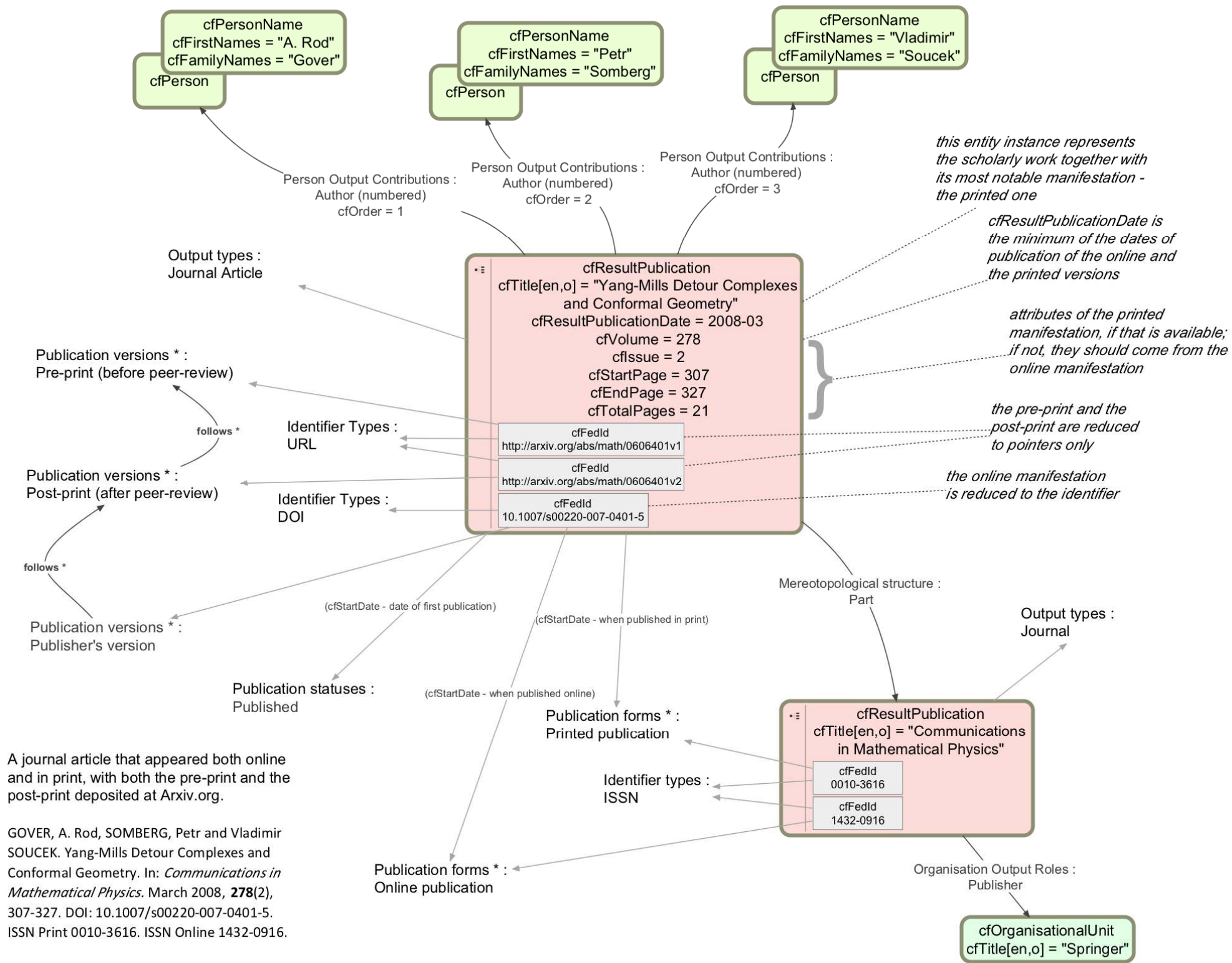
SCHOLARLY WORKS APPLICATION PROFILE

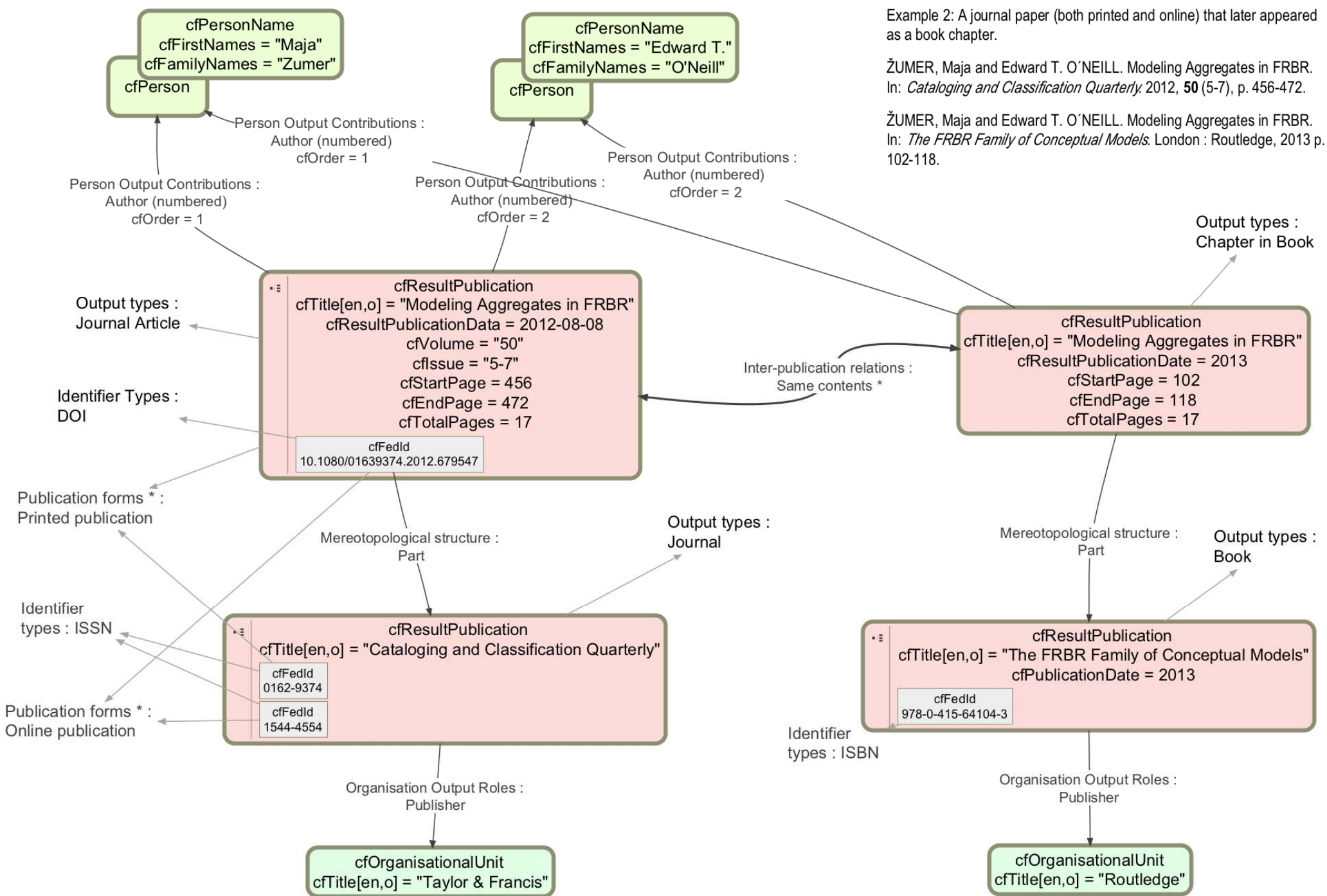
A specialization of FRBR for scholarly publishing

- Scholarly Work : Work
 - Created by ..., Funded by ..., Supervised by ...
 - Expression
 - Edited by ...
 - Manifestation
 - Published by ...
 - Copy : Item
 - Owned by ...
-

BUILDING BLOCKS







PROPOSED GUIDELINES

1. the scholarly work + its most prominent manifestation
 - ☞ cfResultPublication
 - priorities: (1) Print. (2) Online. (3) Memory medium.
 2. other manifestations that reduce to a pointer
 - ☞ cfFederatedIdentifier
 - use classifications
 3. other manifestations that don't reduce to a pointer
 - ☞ separate cfResultPublications
 - interlinked using the “Same Contents” role
-

PROPOSED GUIDELINES (CONT.)

4. different expressions are not explicitly represented
 - expression types in the classification terms of manifestations

5. full texts (copy)
 - ☞ cfMedium

CONVENTIONS ARE USEFUL!



THANK YOU!

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