

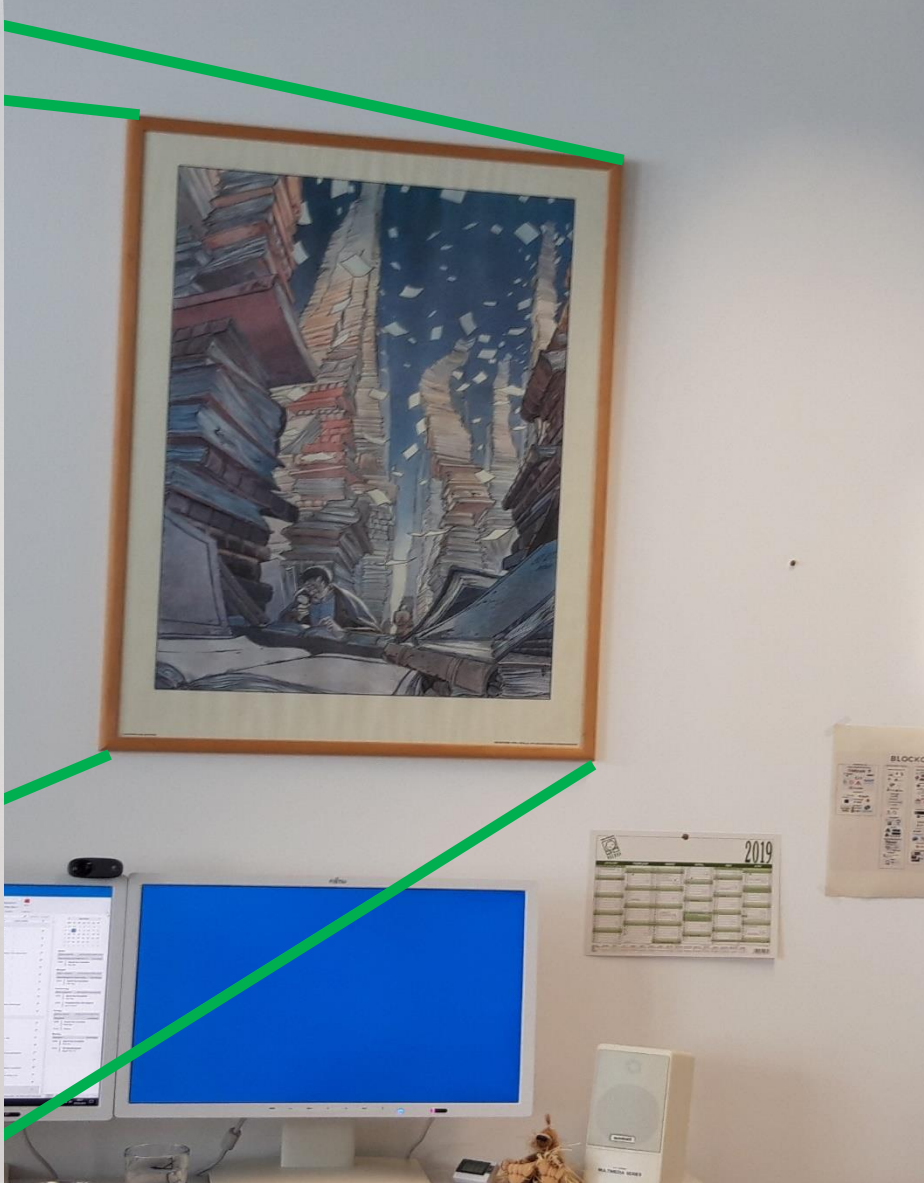
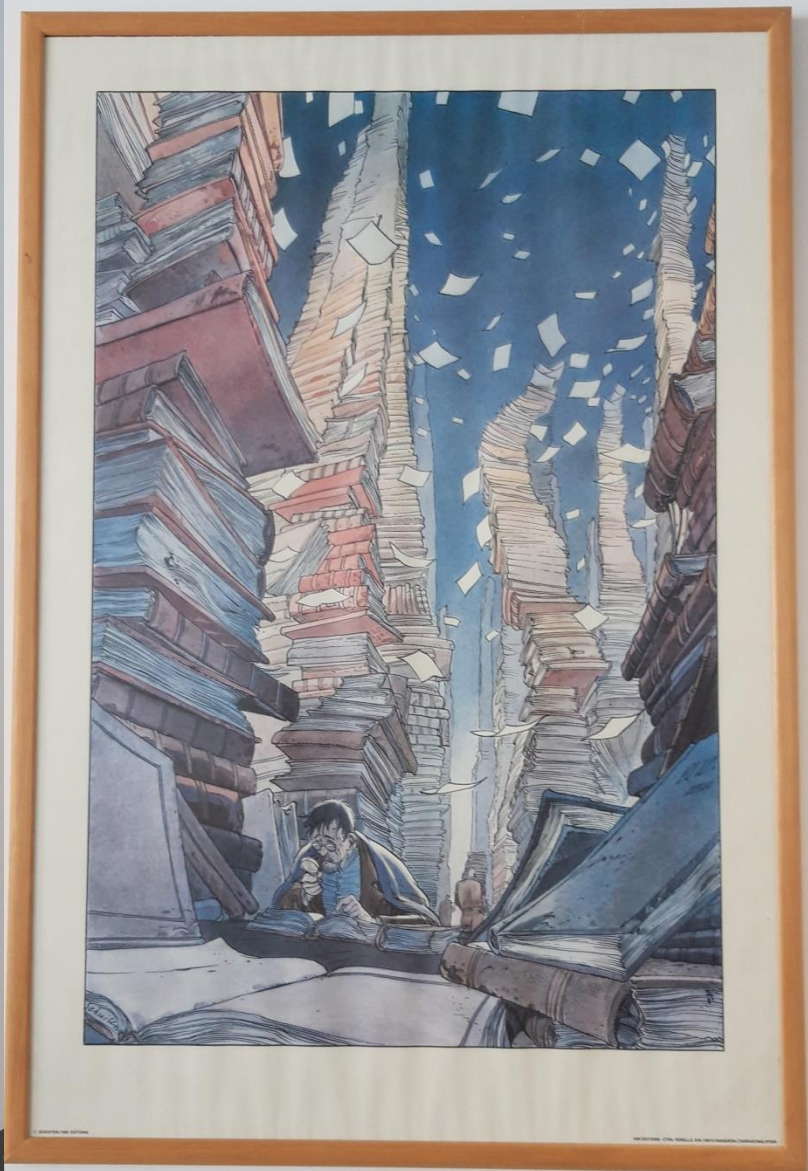


**Staatsbibliothek  
zu Berlin**  
Preußischer Kulturbesitz

# **BUILDING LIBRARY INFORMATION SYSTEMS IN TIMES OF VANISHING DEVELOPER RESOURCES**

## **DAVID ZELLHÖFER, OLIVER SCHÖNER, GERRIT GRAGERT**

ELAG 2019 Berlin  
May 10th, 2019



# 1<sup>ST</sup> STEP : WHAT'S OUT THERE?

## Evaluation of existing Repository Solutions in the library world





Universal  
Metadata, Metadata, Metadata (Formats)  
Versioning  
Integration  
Authorization  
Scalability



Fortunately starting with Version 4  
Rest-API  
Integration with Solr  
RDF  
Integration Triple Store (tbd)

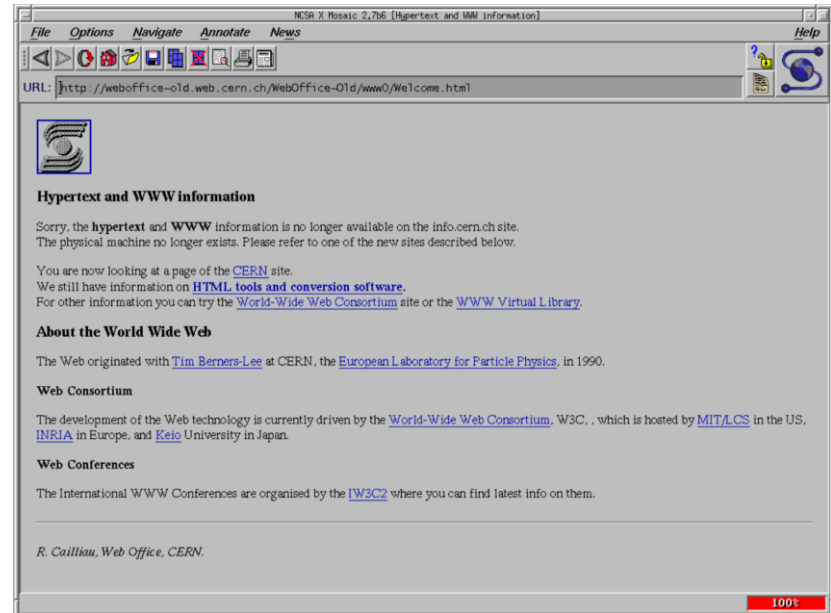
# 4TH STEP : THE SUIT PINCHES

Many members problem



Von Lienhard Schulz - Eigenes Werk, CC BY 2.5,  
<https://commons.wikimedia.org/w/index.php?curid=751708>

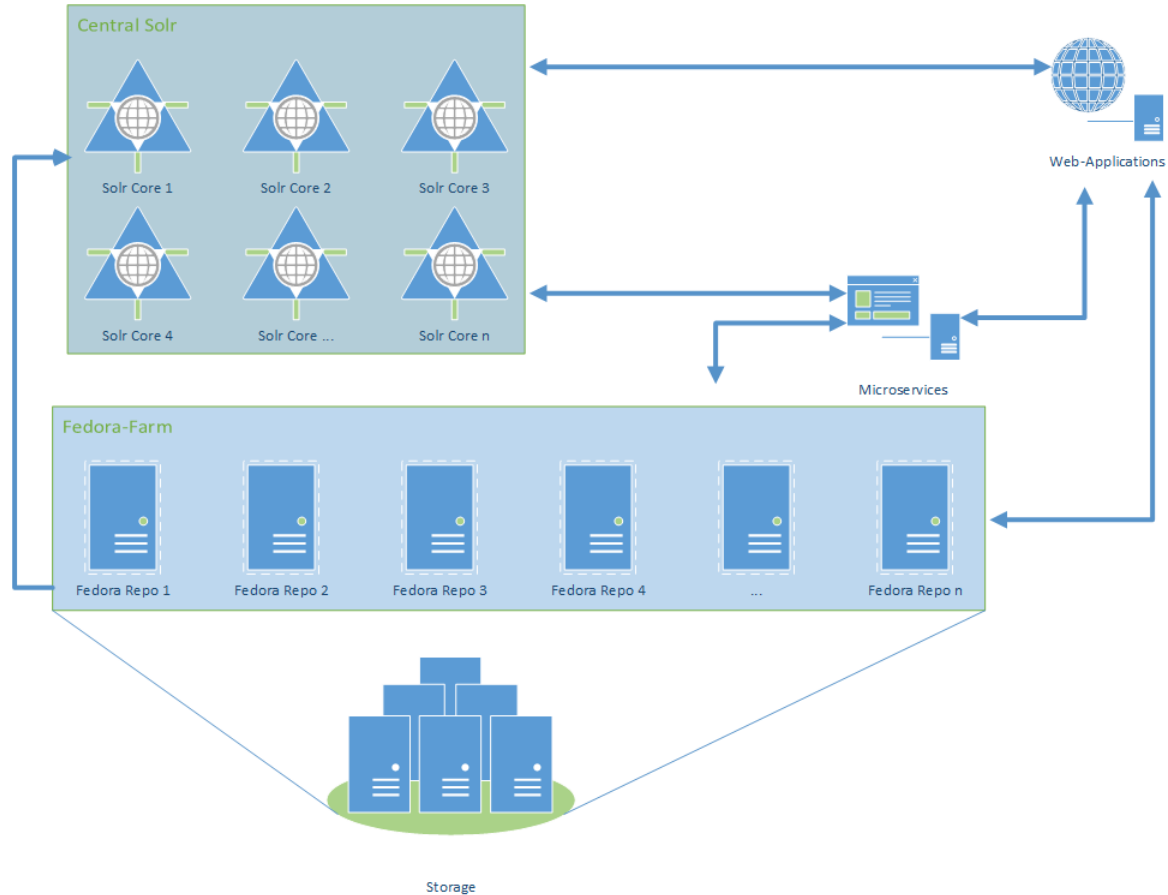
Missing front end



<https://creativecommons.org/publicdomain/zero/1.0/deed.en>

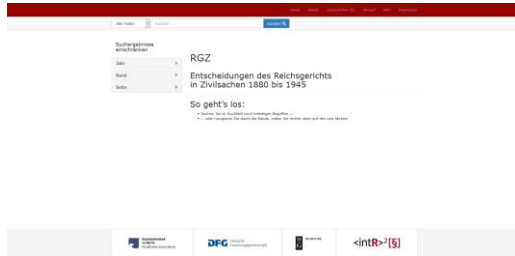
Microservice Paradigma  
Re-Usable pieces of software  
Example: SRU Service for ITR  
Re-Use of Access Management Service  
Java Web Tokens

# FINALLY: THE CUTTING PATTERN

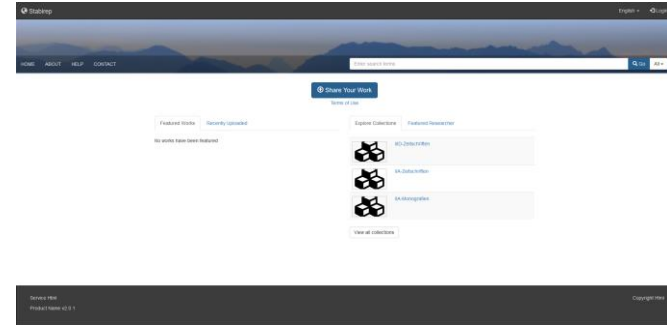




# A LOOK INTO OUR WARDROBE



RGZ/RGSt: 30,000 objects,  
presentation only



Stabirep: 1,000 objects (growing),  
self-deposit for internal use

## ITR for Crossasia: ~ 100,000,000 objects



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Pest-Or-Cholera-Dilemma  
Best-of-Approach  
(or the less hurtful?)  
Project-Problem  
The future is linked!

# THAT'S ALL, FOLKS!

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