

Workshop 6:

# HowTo build a your own » Digital Edition Web-App«

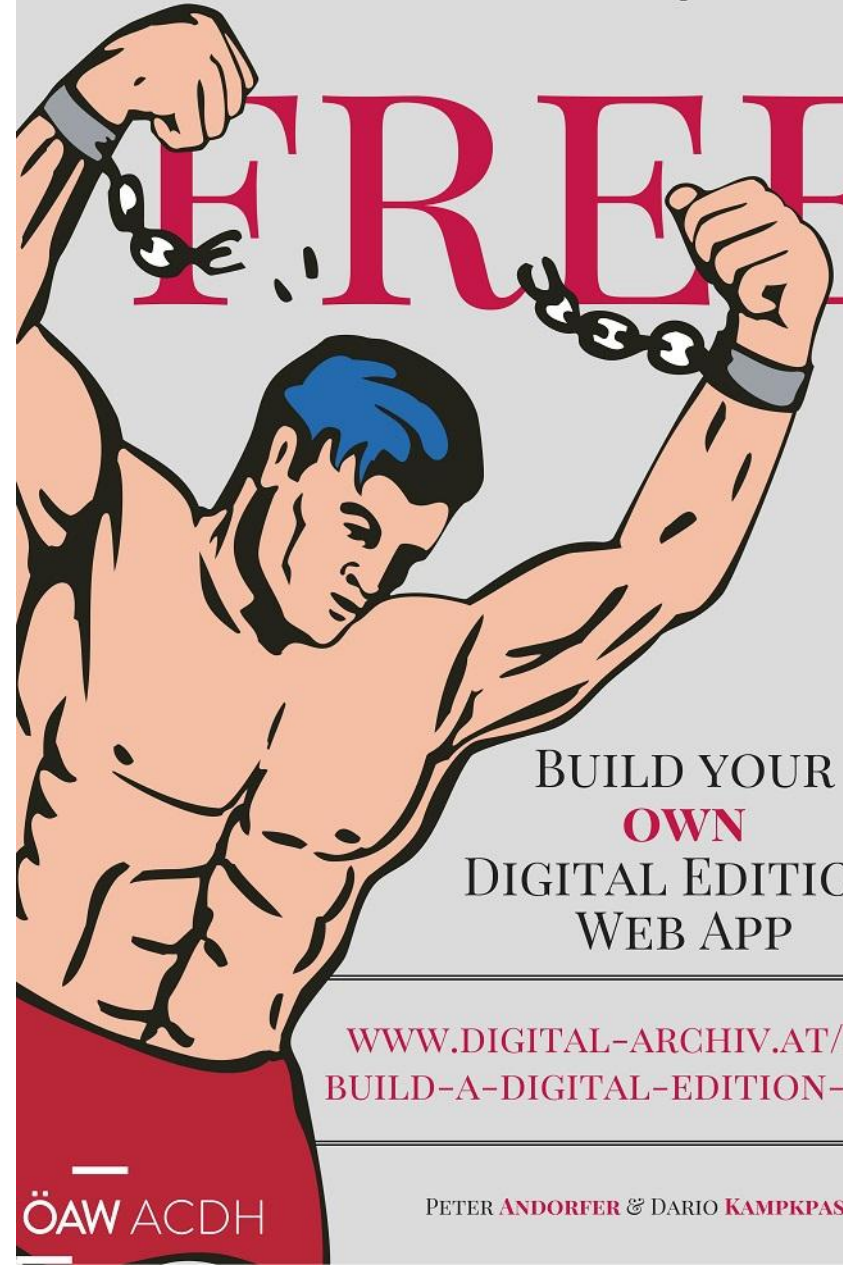
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Time to set you

# FREE



BUILD YOUR  
**OWN**  
DIGITAL EDITION  
WEB APP

[WWW.DIGITAL-ARCHIV.AT/HOWTO-BUILD-A-DIGITAL-EDITION-WEB-APP/](http://WWW.DIGITAL-ARCHIV.AT/HOWTO-BUILD-A-DIGITAL-EDITION-WEB-APP/)

# Motivation

*“set you free”*

Vermittlung grundlegender Kenntnisse zu  
*digital edition web apps*

&

*Dokumentation*

und Reflexion des eigenen Codes

## eXist-db:

### pros:

- open source
- out of box (lucene, template-engine, server, rest-api, user-management, tika, ...)
- in vielen DH-Projekten verwendet
- XML, XSLT, xQuery - eine Sprach(familie) für Alles

### cons:

- überwiegend (?) in DH-Projekten verwendet
- (vergleichsweise) sehr kleine Community
- wenig Dokumentation ([website](#), [xQuery-wiki-book](#), [Siegel/Retter: eXist, 2014](#))



# Vitamins for your Applications



eXistdb is Open Source Software licensed under the LGPL

Download eXistdb



## Ablauf

- Einführung
- Installation eXist-db
  - oxygen
- Part 1 bis Part ??

## Wie

- Schritt für Schritt gemeinsam
- wer will kann und gerne allein
- wer kann, bitte anderen helfen
- bei Fragen, bitte Fragen

but keeping it still highly generic.

### Part 8 - Full text search

In the eighth part we are going to build a full text search.

### Part 6 - Rename the app

In this sixth part of this series of tutorials we will rename, pack and (re)deploy our current digital edition's application.

### Part 7 - Index based Search

In the seventh part we will attack the issue of an index based search.

### Part 5 - Clean up the code

In the fifth part we will clean up our code base - a little bit

### Part 4 - XSLT Transformation

In the fourth part we will start with a detail view by transforming XML via XSL into HTML.

### Part 3 - Table of Contents

In this third part of our series of HowTos we will upload the XML/TEI files in our database and write our first xQuery function which will generate a very basic table of content from the uploaded XML/TEI documents.

### Part 2 - Getting started

In the second part of our tutorial we will install eXist-db, and create a ›plain vanilla‹ eXist-db web application using eXist-db's in build Deployment Editor.

### Part 2a - Getting started (old solution)

This post contains old text, describing a (deprecated) method on how to deal with html documents stored in different locations of the application's code base.

### Part 1 - Definition and Requirements

The following series of



<https://howto.acdh.oew.ac.at/>




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WOLFENBÜTTEL

Erster Nutzer

HowTo

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HOWTO BOOKS- ABOUT IMPRINT



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## HowTo

A blog

This blog tries to share knowledge about how to do things, mainly concerning software development and best practices in the Digital Humanities.

@ACDH-OeAW staff go to [Redmine](#) for log-in credentials.

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