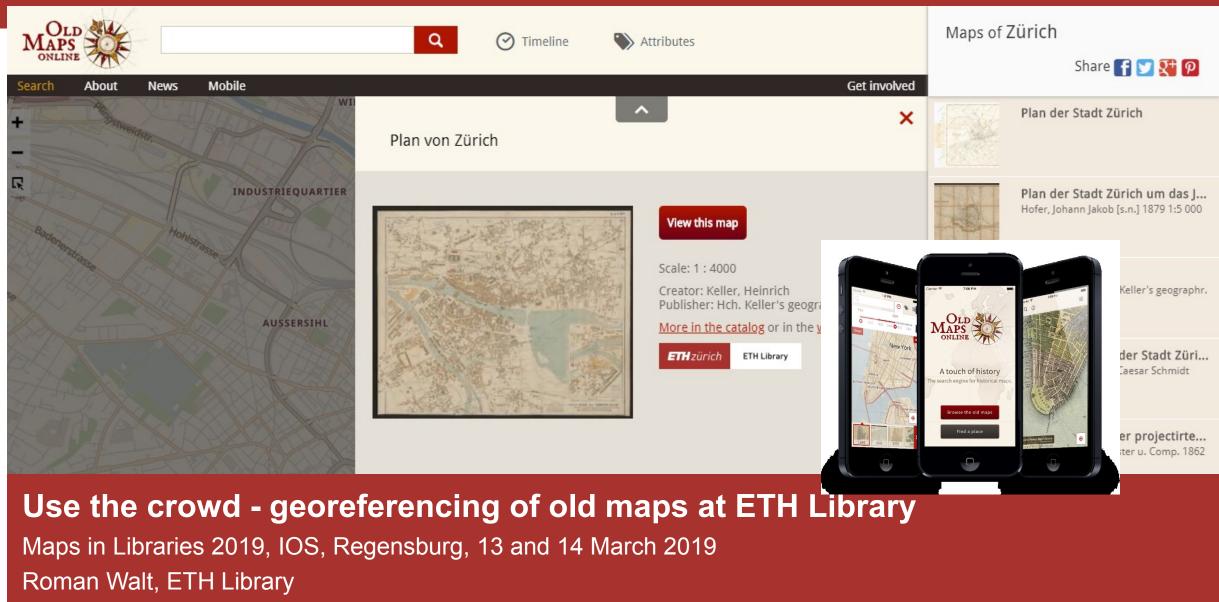
ETH zürich



Agenda

- Portrait map department ETH Library
- From the box to the web
- 1st map crowdsourcing project (2017)
 - Workflow
 - Challenges and Results
- 2nd map crowdsourcing project (April 2019)
- Summary

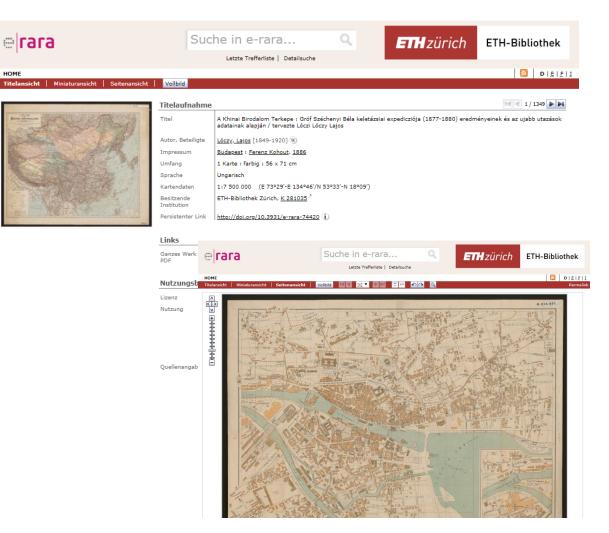
Portrait map department ETH Library

- Since 1972
- About 400'000 map sheets, 1'250 atlases, 700 maps before 1850
- Thematic focuses: Scientific, technical and topographical maps and atlases from the 19th to 21st centuries: Single maps, map series, plans of cadastral surveying, city maps, panoramas, satellite photographs, etc.
- Spatial data from the Federal Office of Topography swisstopo
- Platforms:



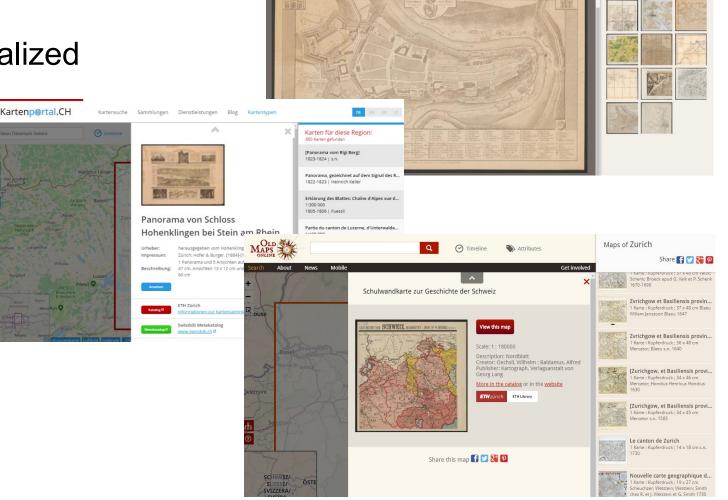
From the box to the web

- Maps from the 18th & 19th Century have been digitized since 2013 and published on e-rara.ch
- Maps from Switzerland, City Maps, folded maps (2013 – 2017), Atlases (2018/2019), plane maps worldwide (2019+)
- Currently there are 1'349 Map titles available via e-rara.ch (11.03.19)



From the box to the web

- Various access and use of digitalized maps
 - e-rara.ch
 - ETHorama
 - Kartenportal.CH
 - Oldmapsonline.org
- Public Domain Mark 1.0
- New Interface upcoming for erara.ch: IIIF



ETHzürich ETHorama

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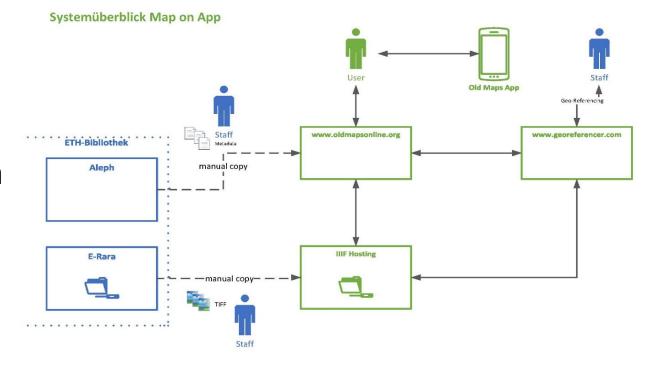
Bern

Roman Walt | 12.03.2019 |

-5

- Goals (project «Map on App»):
 - Possibility of using the digitized maps of the ETH Library on all terminals.
 - Creation of the prerequisites for georeferencing the digital representations for further scientific processing in GIS programs.
 - Stronger perception of the high-quality scans on e-rara.ch in a broader interested public via the platform oldmapsonline.org

- Workflow
 - Harvesting metadata and TIFF-Files
 - Mapping and interlinking Publishing 1'135 map sheets on oldmapsonline.org and IIIFHosting (Klokan)
 - Using Georeferencer V3
 - Crowdsourcing period (planned): 10.01. - 30.04.2017



22.6.2016, ITS GG

Mapping

vlid	6484179	id
41.20	Carte géologique du Pays d'Enhaut vaudois	viewer
title	1:50 000	title
	Hans Schardt; Schweizerische Geologische	date_from
responsibility	Kommission	date_to
	1887	north
year		south
extent	1 Karte : mehrfarbig ; 40 x 37 cm	east
idn	000416768	west
scale	1:50 000	catalog
coordinates	(E 06°59-E 07°15/N 46°33-N 46°23)	pubdate_from
	Schardt, Hans Schweizerische	pubdate_to
	Naturforschende Gesellschaft Schweizerisch	description
name	Geologische Kommission.	creator
publisher	Wurster & Randegger	contributor
	Winterthur	publisher
place	winterthur	physical_width

id	6484181
filename	6484181.tif
viewer	http://www.e-rara.ch/zut/content/zoom/6484181
title	Carte géologique du Pays d'Enhaut vaudois 1:50 000
date_from	1887
date_to	1887
north	46.55
south	46.38
east	7.25
west	6.98
catalog	http://www.library.ethz.ch/DADS:default_scope: ebi01_prod000416768
pubdate	
description	
creator	Schardt, Hans
contributor	
publisher	Wurster & Randegger
physical_width	400
physical_height	370
scale	50000
thumbnail	http://www.e-rara.ch/image/thumb/6484181
image_protocol	Zoomify

Mapping e-rara.ch

physical_height

image_service

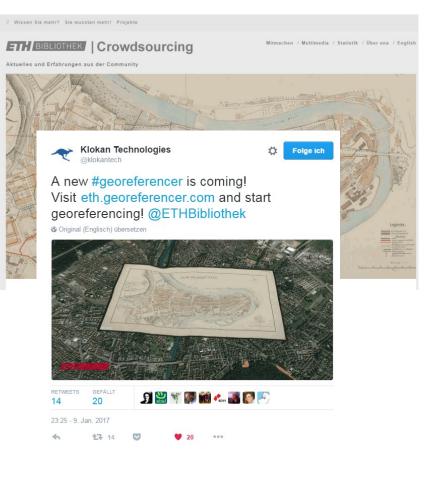
scale thumbnail image_protocol

license download dpi

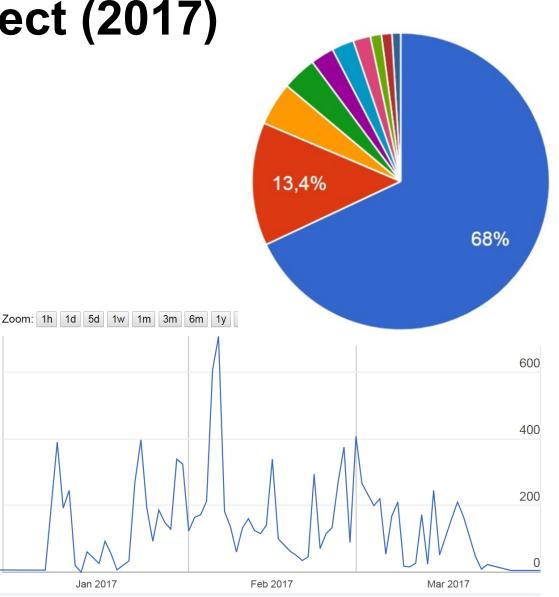
Mapping	olo	dma	pson	line
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- Challenges
 - Mapping metadata
 - Community Building
 - Unknown quality of public georeferenced data
 - sustainable interest





- Results
 - Support from the «Bildarchiv» Crowdsourcing Community
 - 50 participants
 - Few (retired) people did most of the work
 - High quality in georeferencing the map sheets
 - Georeferencing had been finished four weeks before end of planned period



12.03.2019

10

Roman Walt

- Upgrade to Georeferencer V4
- 1'800 map sheets from 208 different titles (most of them atlases)
- Crowdsourcing period (planned): April & May 2019
- Main Challenge (preparation): Metadata (records) just for items (atlas), not for

map sheets

C	D	E	F	G	н	J	К	L	М	N
🔹 sysnr 🖃 i	id 👻	filename	 viewer 	 title 	date_from *	north ~	south -	east *	west *	catalog rut
001688793	18448916	18448916.tif	http://www.e-rara.ch/zut/content/zoom/18448916	Stieler's Hand-Atlas	1833	90.00	90.00	180.00	-180.00	http://www.library.ethz.ch/DADS:defa
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Thank you for your attention!

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