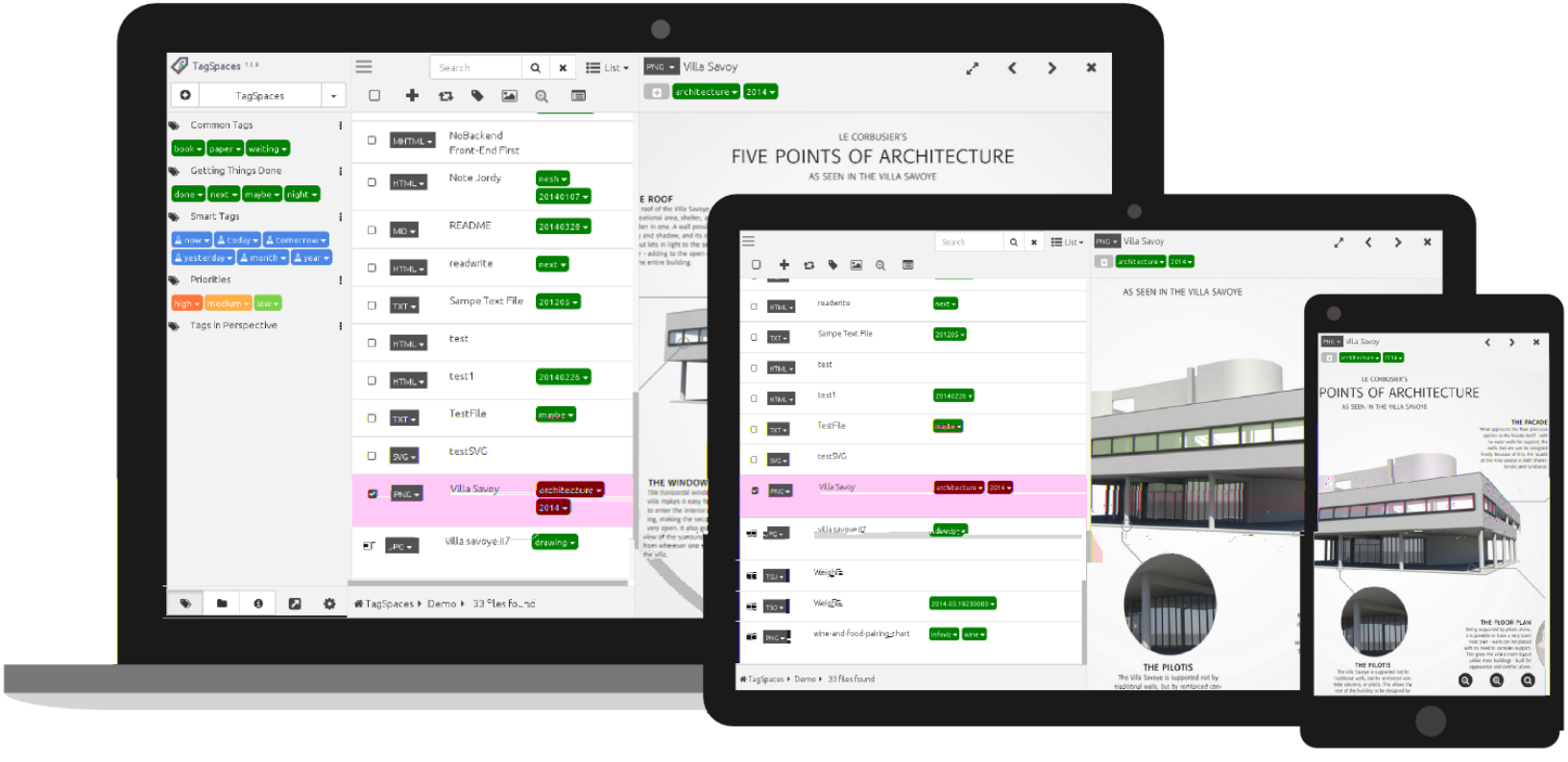
ORGANIZE YOUR FILES!

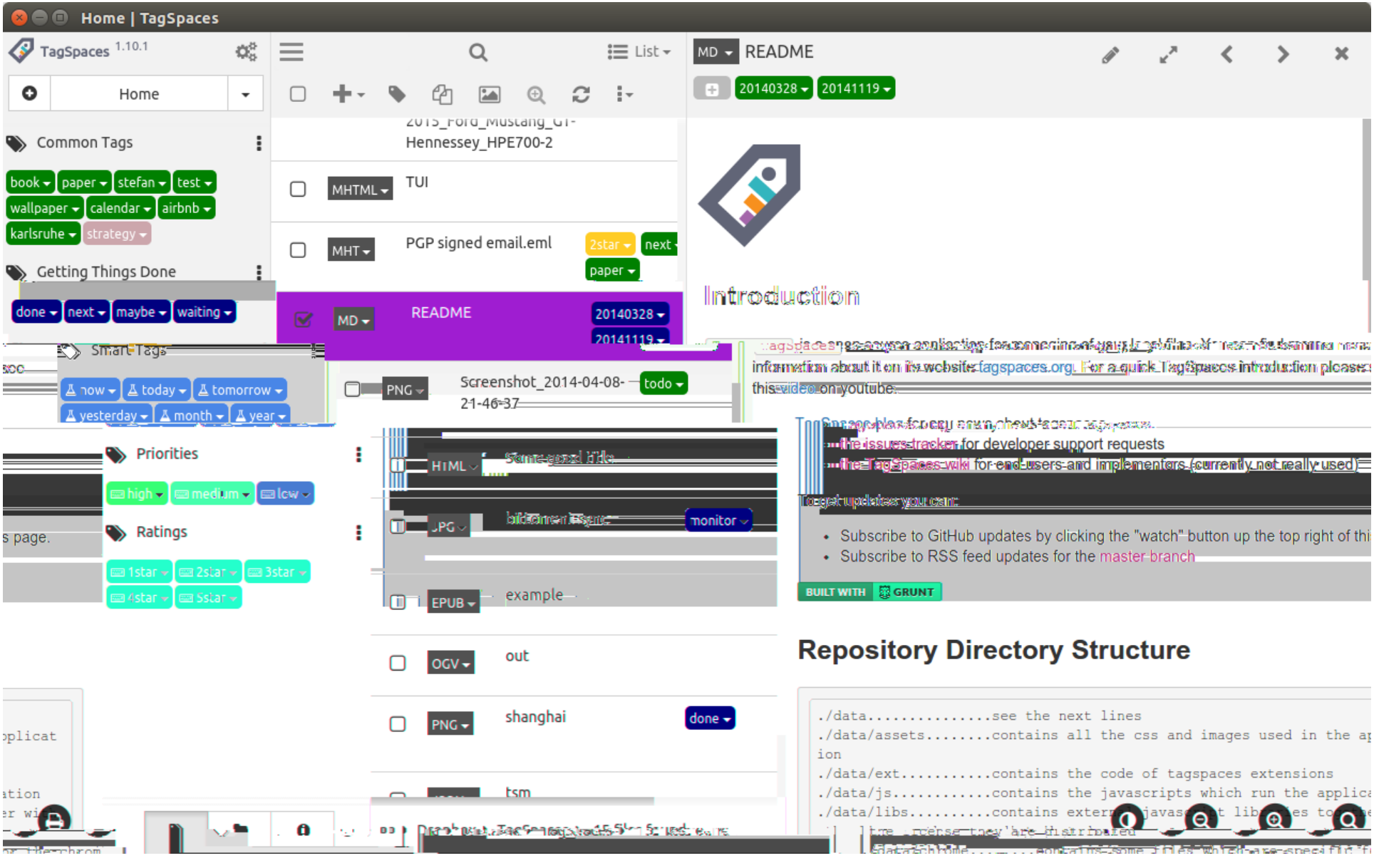
TagSpaces Introduction

by Ilian Sapundshiev @ilianste
in January 2015



WHAT IS TAGSPACES ?

- it is open source and extensible platform for personal data management
- it let you organize, tag and browse your local files, photos and documents on almost every platforms.
- project initiated in 2013 in Munich, Germany
- official website: tagspaces.org, source hosted on github.com
- build with HTML5, Javascript, Cordova, Node-Webkit


Home | TagSpaces
TagSpaces 1.10.1
Home
List
Common Tags
book
paper
stefan
test
wallpaper
calendar
airbnb
karlsruhe
strategy
Getting Things Done
done
next
maybe
waiting
Smart Tags
now
today
tomorrow
yesterday
month
year
Priorities
high
medium
low
Ratings
1star
2star
3star
4star
5star
MHTML
TUI
MHT
PGP signed email.eml
2star
next
paper
MD
README
20140328
20141119
PNG
Screenshot_2014-04-08-21-46-37
todo
HTML
PDF
monitor
EPUB
example
OGV
out
PNG
shanghai
done
tsm
Introduction
information about it on its website tagspaces.org. For a quick TagSpaces introduction please
this video on youtube.
the issues tracker for developer support requests
the TagSpaces wiki for end-users and implementers (currently not really used)
Subscribe to GitHub updates by clicking the "watch" button up the top right of thi
Subscribe to RSS feed updates for the master branch
BUILT WITH
GRUNT
Repository Directory Structure
./data.....see the next lines
./data/assets.....contains all the css and images used in the ap
ion
./data/ext.....contains the code of tagspaces extensions
./data/js.....contains the javascripts which run the applica
./data/libs.....contains

WHY TAGSPACES ?

- In a world where more and more personal information is collected and owned by mobile apps and web portals, TagSpaces gives you an alternative of owning your data and having it nicely organize and visualized with the manner of modern web technologies.
- Open Source
- Extensible with Plugins
- Easy to use

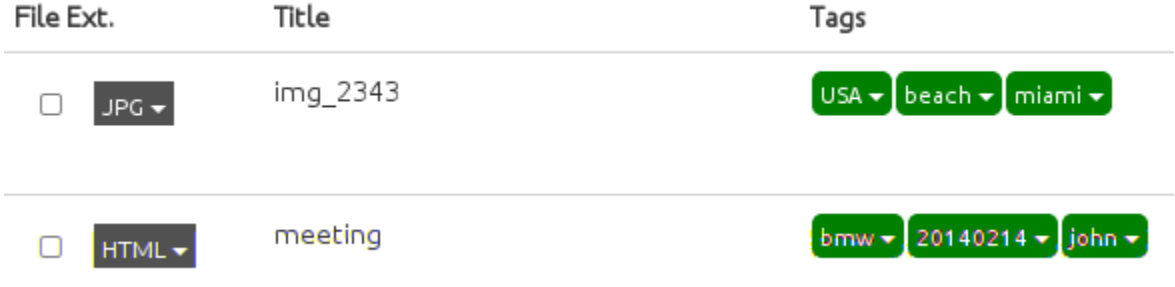
NO BACKEND PHILOSOPHY

- TagSpaces is not a web portal or web application, so there is no server back-end.
- The Application is not Internet dependent, so a pure offline use is absolutely possible.
- TagSpaces is not indexing you files in a database in order to save meta information. All the needed information is extracted by the time of use from the file respectively folder structure.

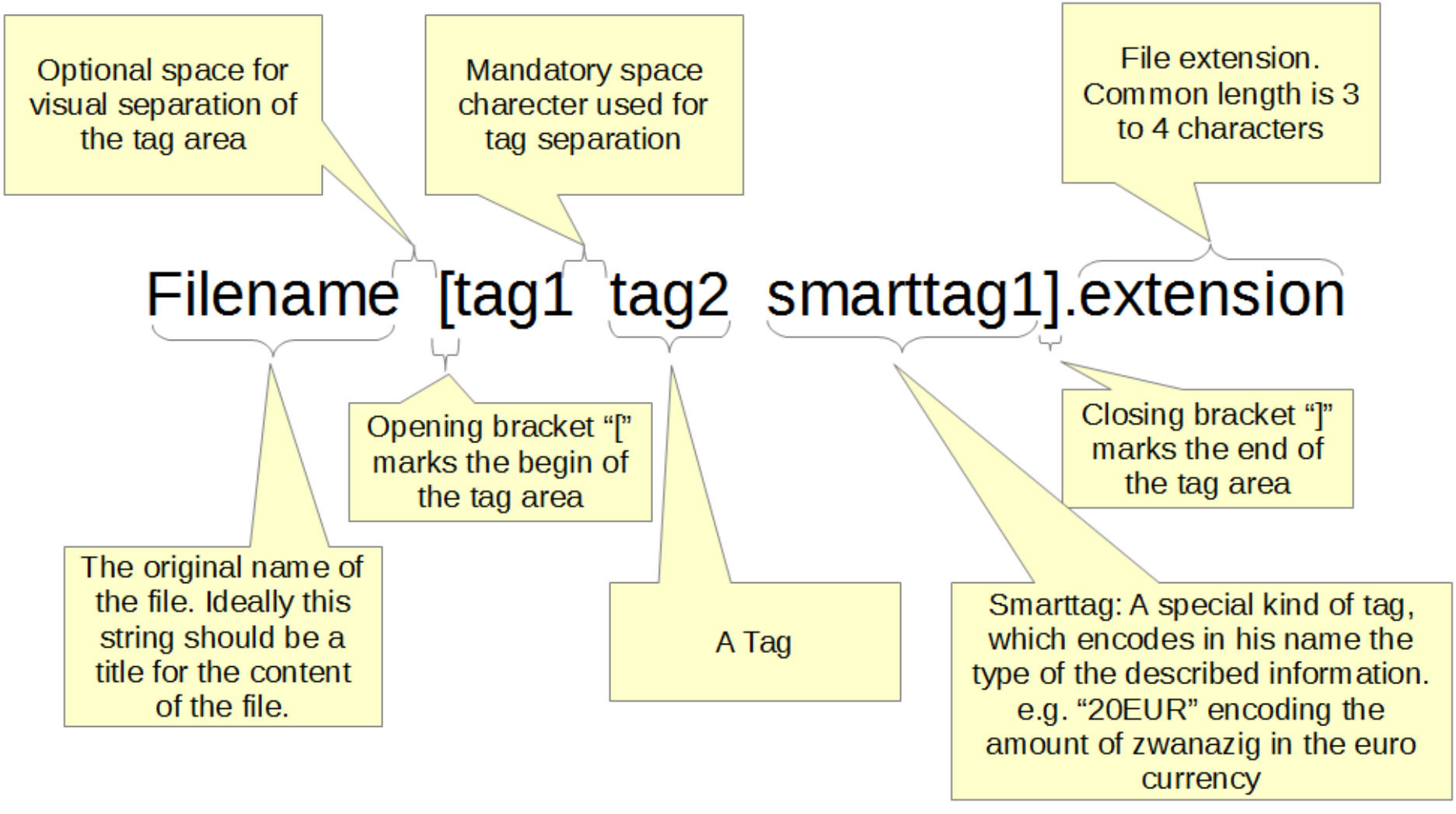
KEY CONCEPTS

FILE TAGGING

- TagSpaces uses the file name for saving the tags
- tags are saved after the following schema:
- file title [tag1 tag2 tag3].extension
- example: img_2343 [USA beach miami].jpg
- example: meeting [bmw 20140214 john].html

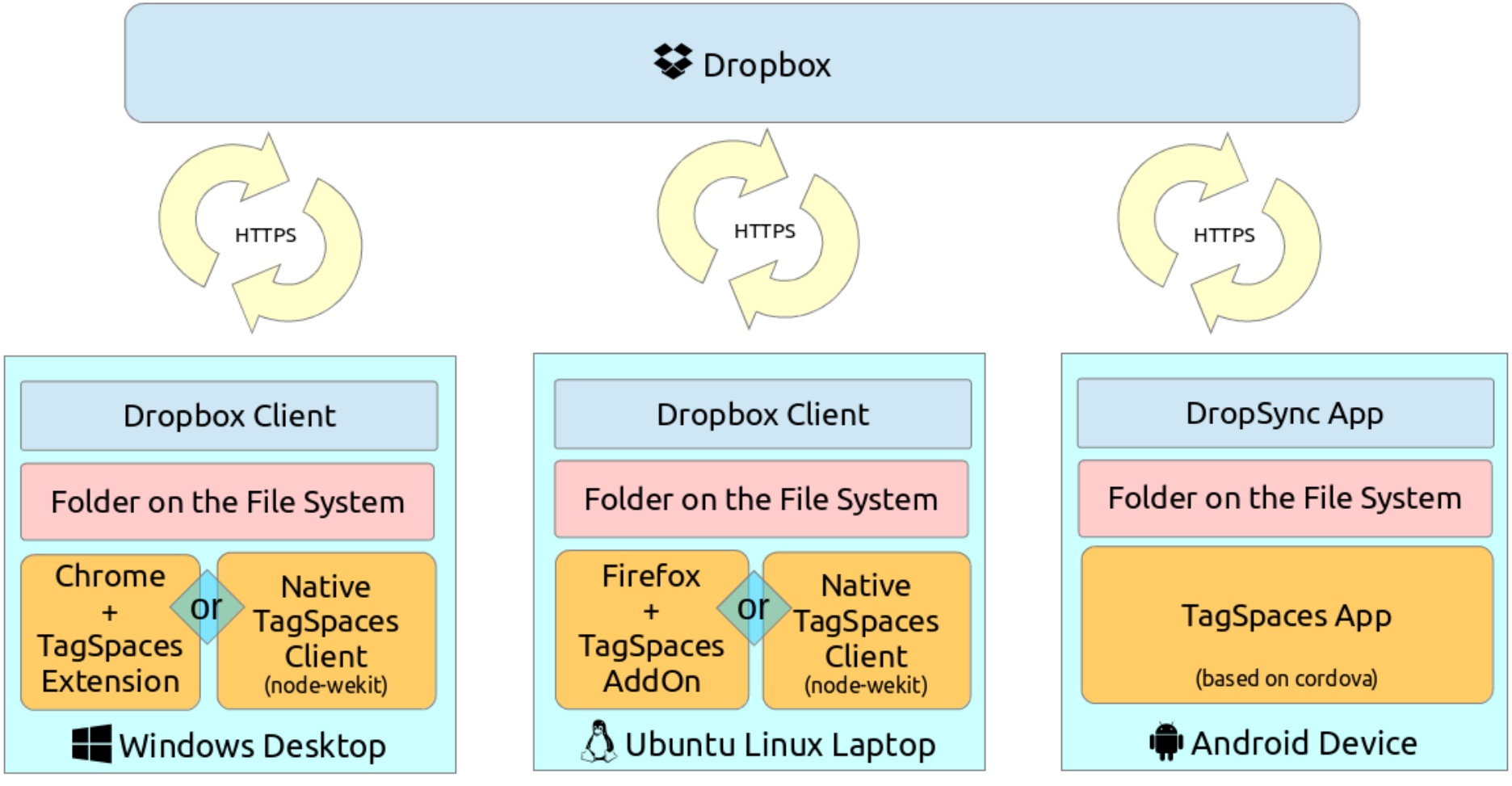


FILE NAME ANATOMY



SYNC TAGGED FILES

Dropbox offers a great way to sync tagged files across multiple devices



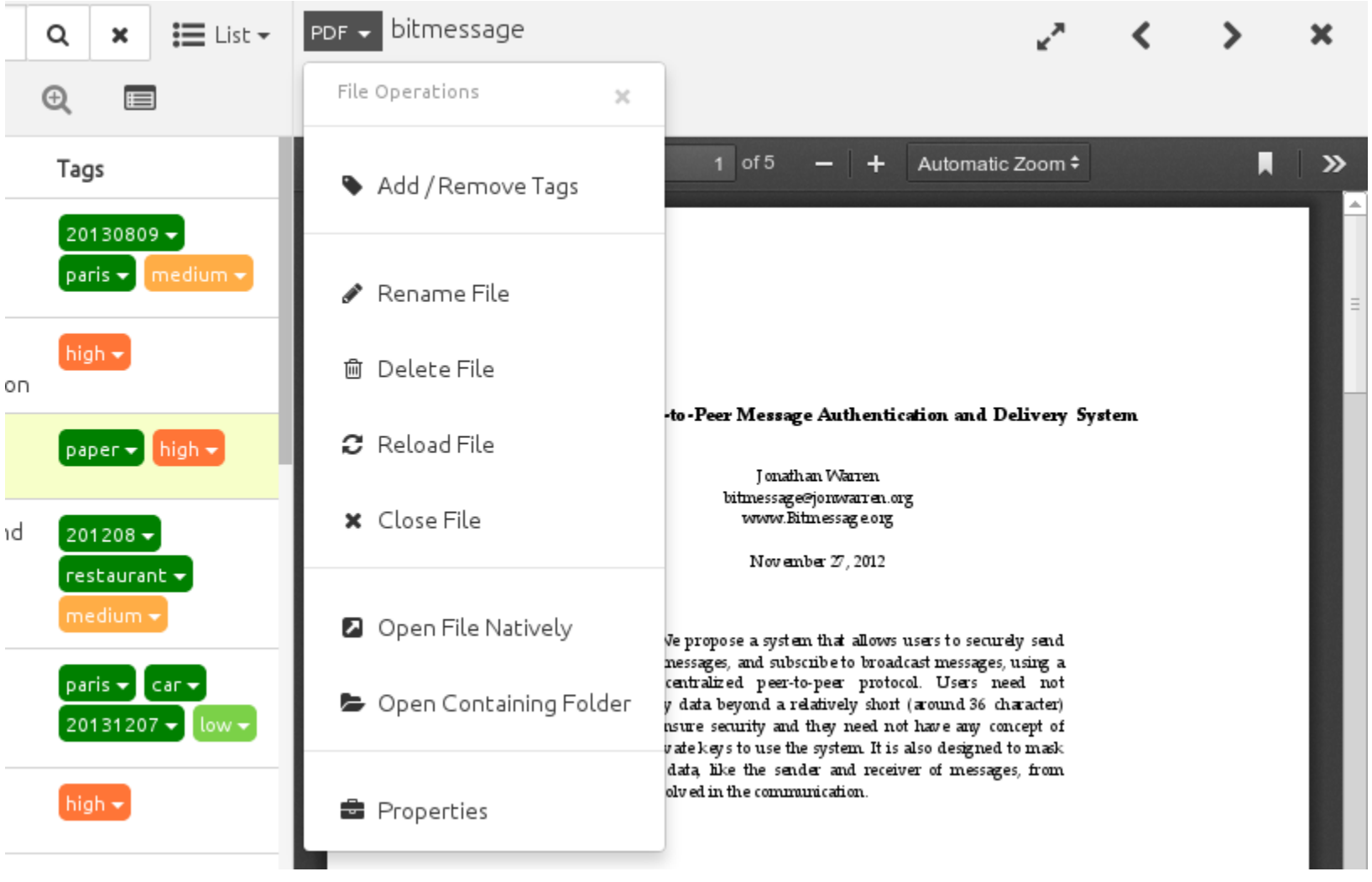
FILE SYSTEM AS A DATABASE

- No database or vendor locking
- Findability - with the search capabilities of your operating system
- Easy to synchronize between devices (just use TagSpaces with your Dropbox folder)
- But! File path lenght restricted on the some OSs like Windows to ca. 255 chars (BTW tweets are max. 140 chars)

COMMON USE CASES

FILE MANAGEMENT

- create files (plain text, html, markdown)
- create directories
- rename files
- move files (drag&drop)
- delete files


List
PDF
bitmessage
File Operations
Add / Remove Tags
Rename File
Delete File
Reload File
Close File
Open File Natively
Open Containing Folder
Properties
Tags
20130809
paris
medium
high
paper
high
201208
restaurant
medium
paris
car
20131207
low
high
1
of 5
Automatic Zoom
-to-Peer Message Authentication and Delivery System
Jonathan Warren
bitmessage@jonwarren.org
www.Bitmessage.org
November 27, 2012
We propose a system that allows users to securely send
messages, and subscribe to broadcast messages, using a
centralized peer-to-peer protocol. Users need not
y data beyond a relatively short (around 36 character)
nsure security and they need not have any concept of
vate keys to use the system. It is also designed to mask
data, like the sender and receiver of messages, from
olved in the communication.

FILE BROWSING & PREVIEWING

- TagSpaces can preview over 50 different file types such as:
- Images (PNG, BMP, JPG, GIF), Videos and Audio (MP3, OGG)
- Documents (PDF, MHT, HTML, ODF, ODT, ODS, ODP, MARKDOWN)
- Color coded preview of common programing languages
- Additional viewers can be easily added

Search

List

PNG wine-and-food-pairing-chart

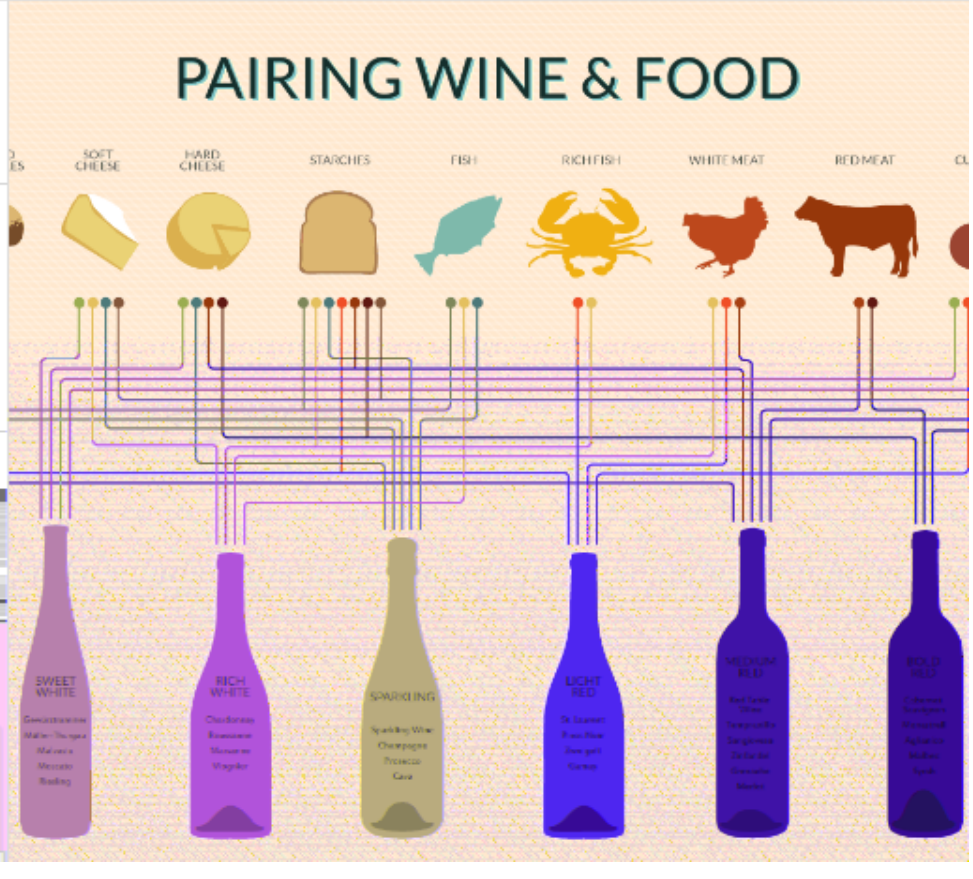
infoviz wine

JPG villa savoye II7 drawing

TSD Weight 2014.03.19230000

TSD Weight

PNG wine-and-food-pairing-chart infoviz wine



PERSONAL WIKI - NOTE TAKING AS IN ONENOTE

- TagSpaces can also create and edit text files in the following formats:
- HTML, MARKDOWN, Text
- Sourcecode (e.g. of C, Java, C++, Javascript, PHP, Ruby, XML languages)
- Additional editors can be implemented

Search

List

☐	TXT	kjgkjhf	
☐	GIF	manhattan-heights	infoviz, bewirtung
☑	HTML	Meeting Notes	audi, 20130629, eo-34
☐	HTML	Meeting with Smith	projekt, notes, 20130911-140550
☐	HTML	Meeting with Steve	gespraech
☐	PDF	Mongos	location, restaurant
☐	MHTML	NoBackend Front-End First	

HTML Meeting Notes

audi 20130629 eo-34

B I U 12 TI

Participants:

- Max Mustermann
- John Smith
- Beatrice Karl
- John Gallius

Agenda:

1. Budget discussion
2. Vacation plan
3. Misceleneous

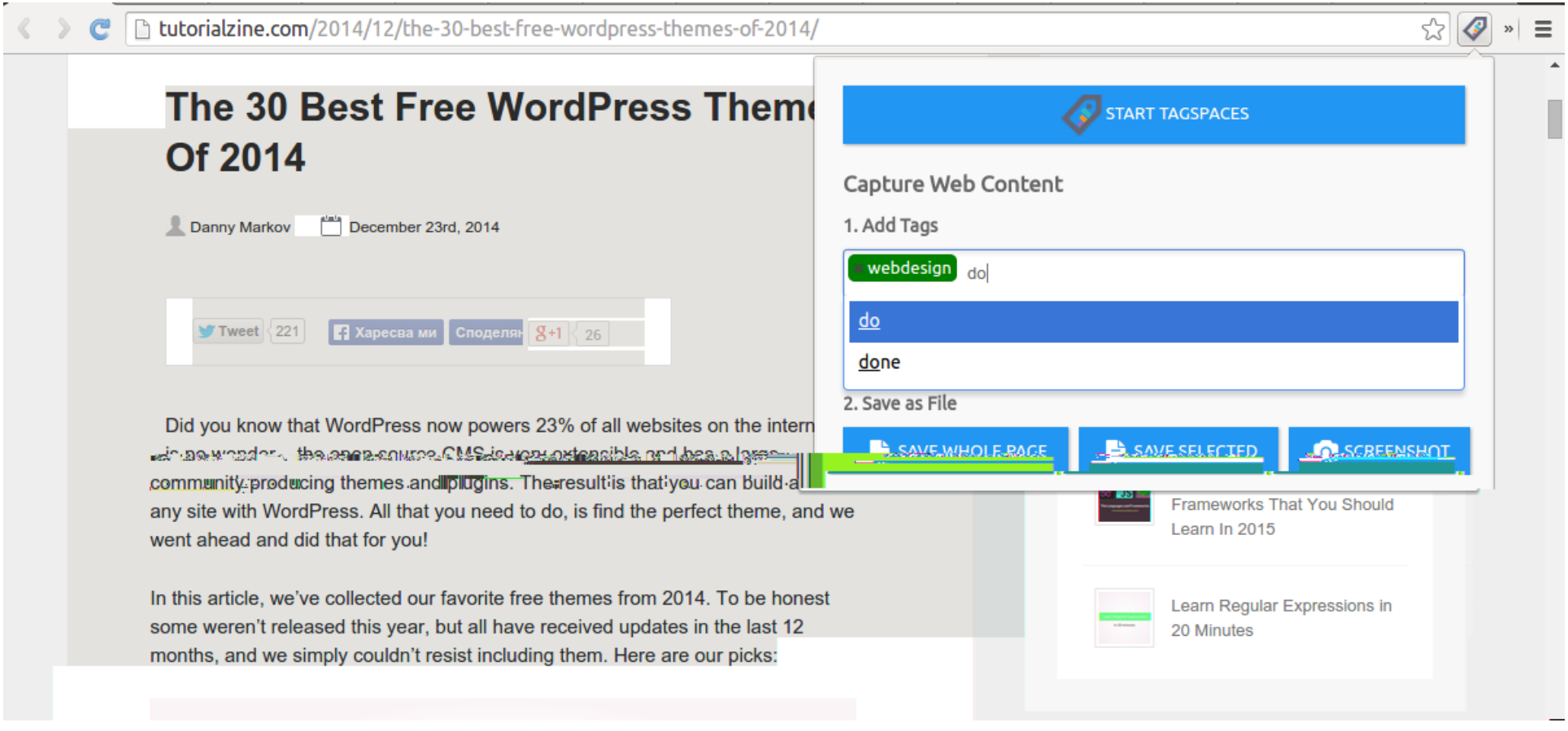
1. Budget discussion

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type .

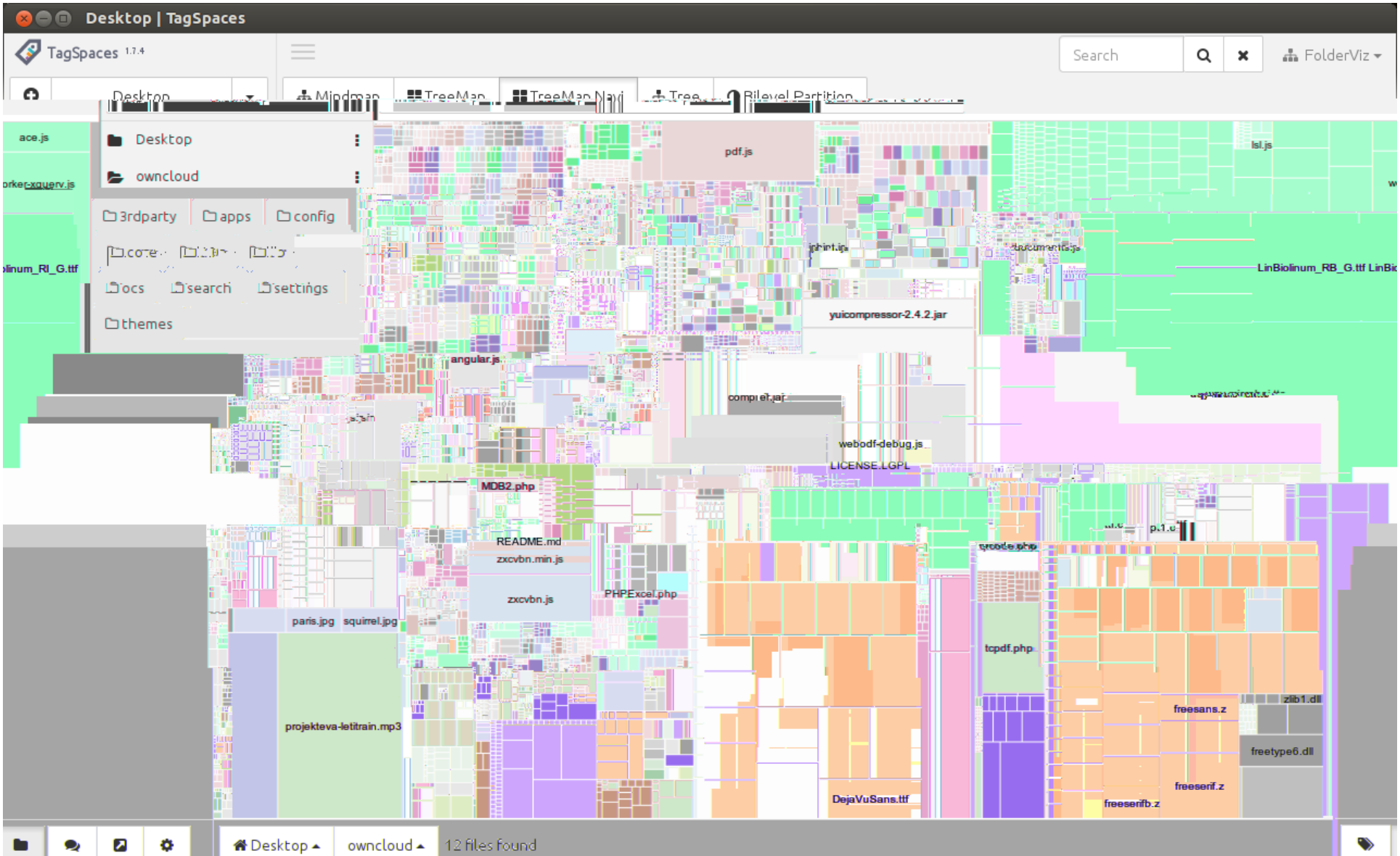
2.Vacation plan

WEBSCRAPPING AS IN EVERNOTE

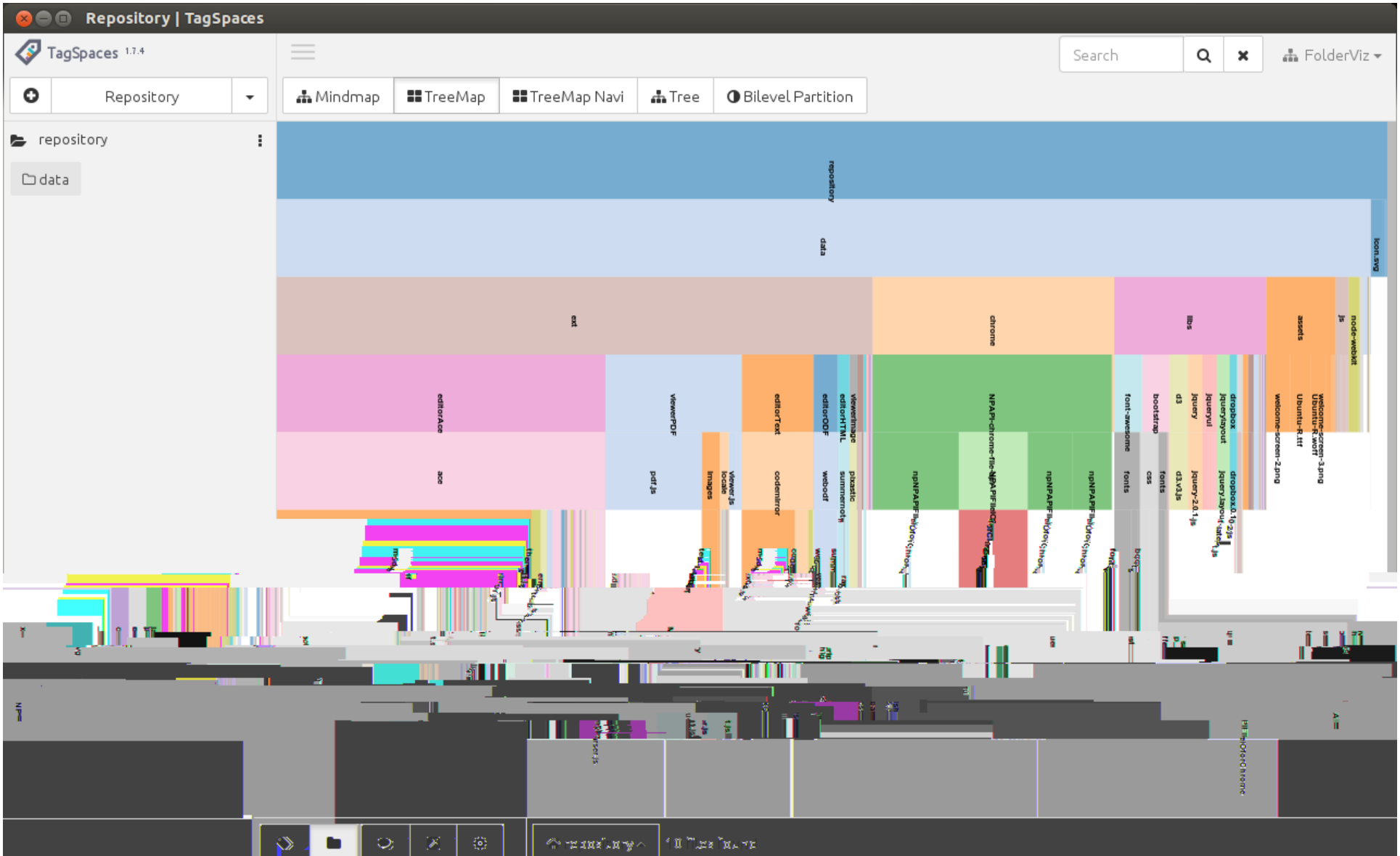
- With the Chrome extension you are now able:
- To capture whole webpage as MHTML
- To save the selection from a webpage in HTML format
- To take screenshot of the visibale part of the current webpage as PNG


tutorialzine.com/2014/12/the-30-best-free-wordpress-themes-of-2014/
The 30 Best Free WordPress Theme
Of 2014
Danny Markov
December 23rd, 2014
Tweet 221
Харесва ми
Споделян
+1 26
Did you know that WordPress now powers 23% of all websites on the intern
community producing themes and plugins. The result is that you can build a
any site with WordPress. All that you need to do, is find the perfect theme, and we
went ahead and did that for you!
In this article, we've collected our favorite free themes from 2014. To be honest
some weren't released this year, but all have received updates in the last 12
months, and we simply couldn't resist including them. Here are our picks:
START TAGSPACES
Capture Web Content
1. Add Tags
webdesign
do
do
done
2. Save as File
SAVE WHOLE PAGE
SAVE SELECTED
SCREENSHOT
Frameworks That You Should
Learn In 2015
Learn Regular Expressions in
20 Minutes

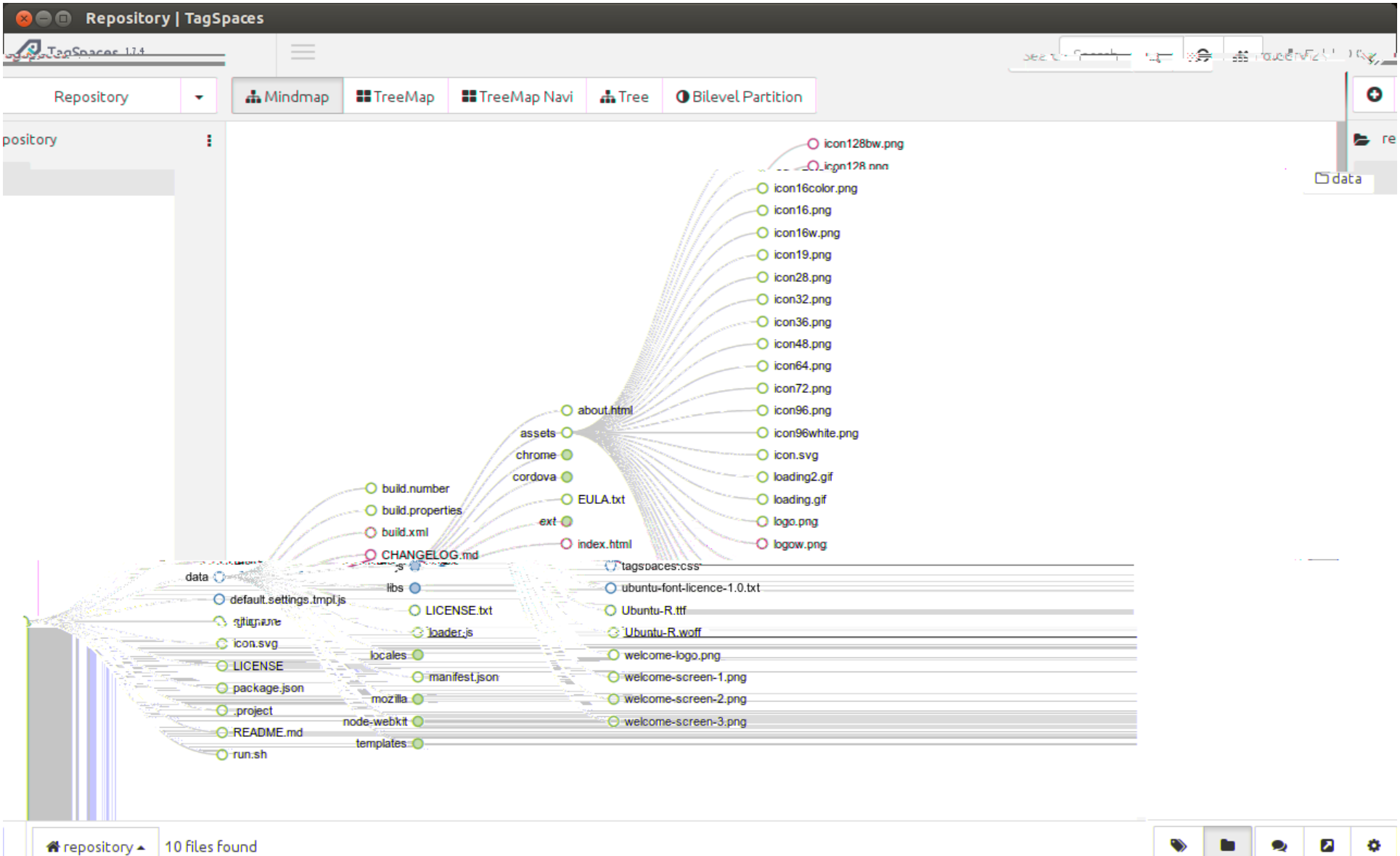
SOURCECODE ANALYSIS WITH TREEMAP



FOLDER STRUCTURES AS TREE (I)

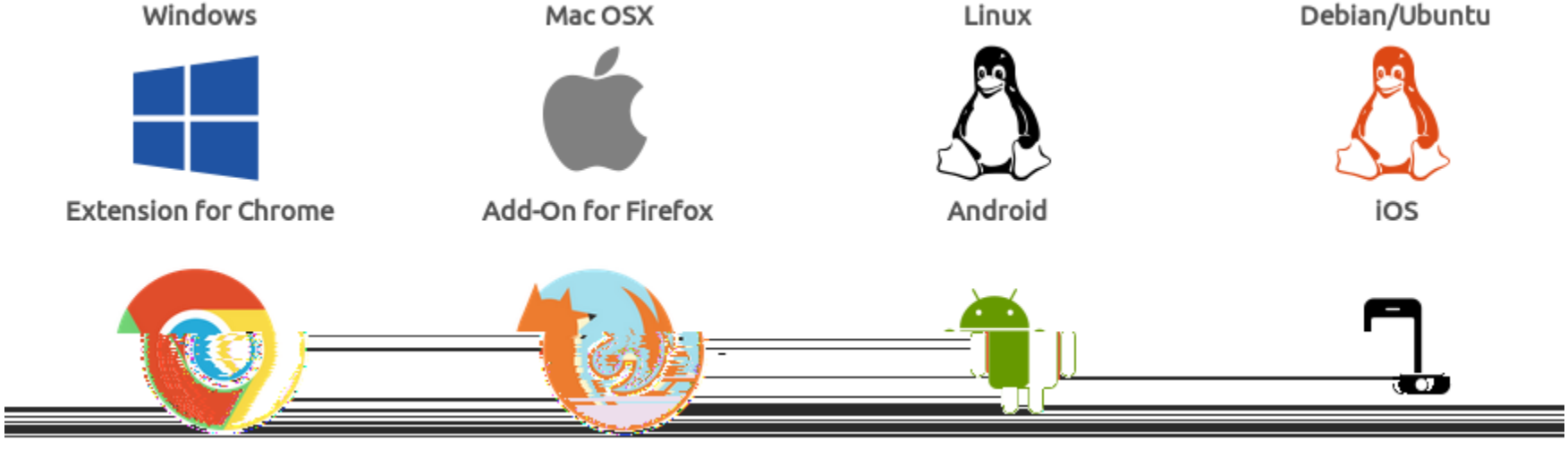


FOLDER STRUCTURES AS TREE (II)



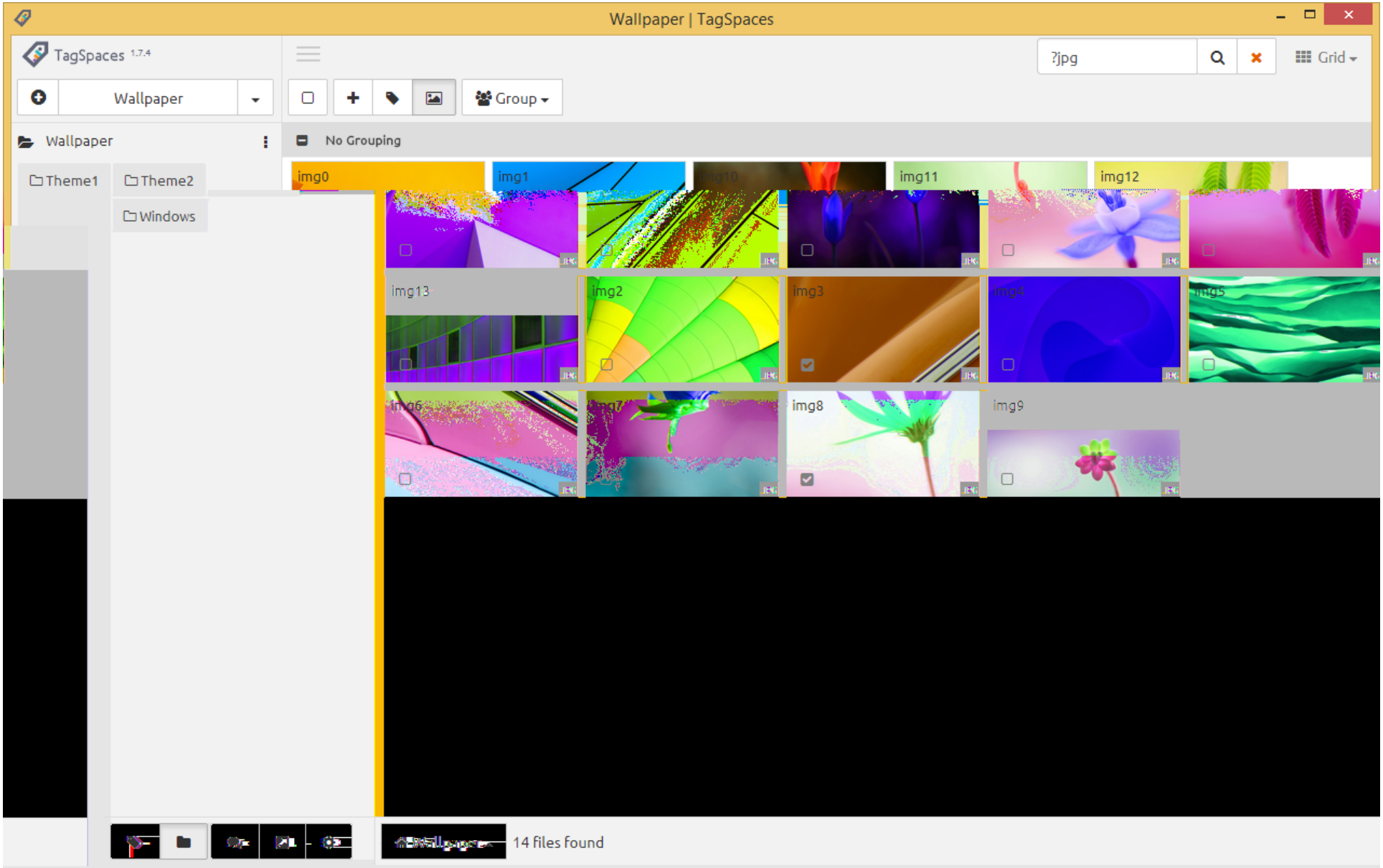
SUPPORTED PLATFORMS

Get it from tagspaces.org/downloads for:



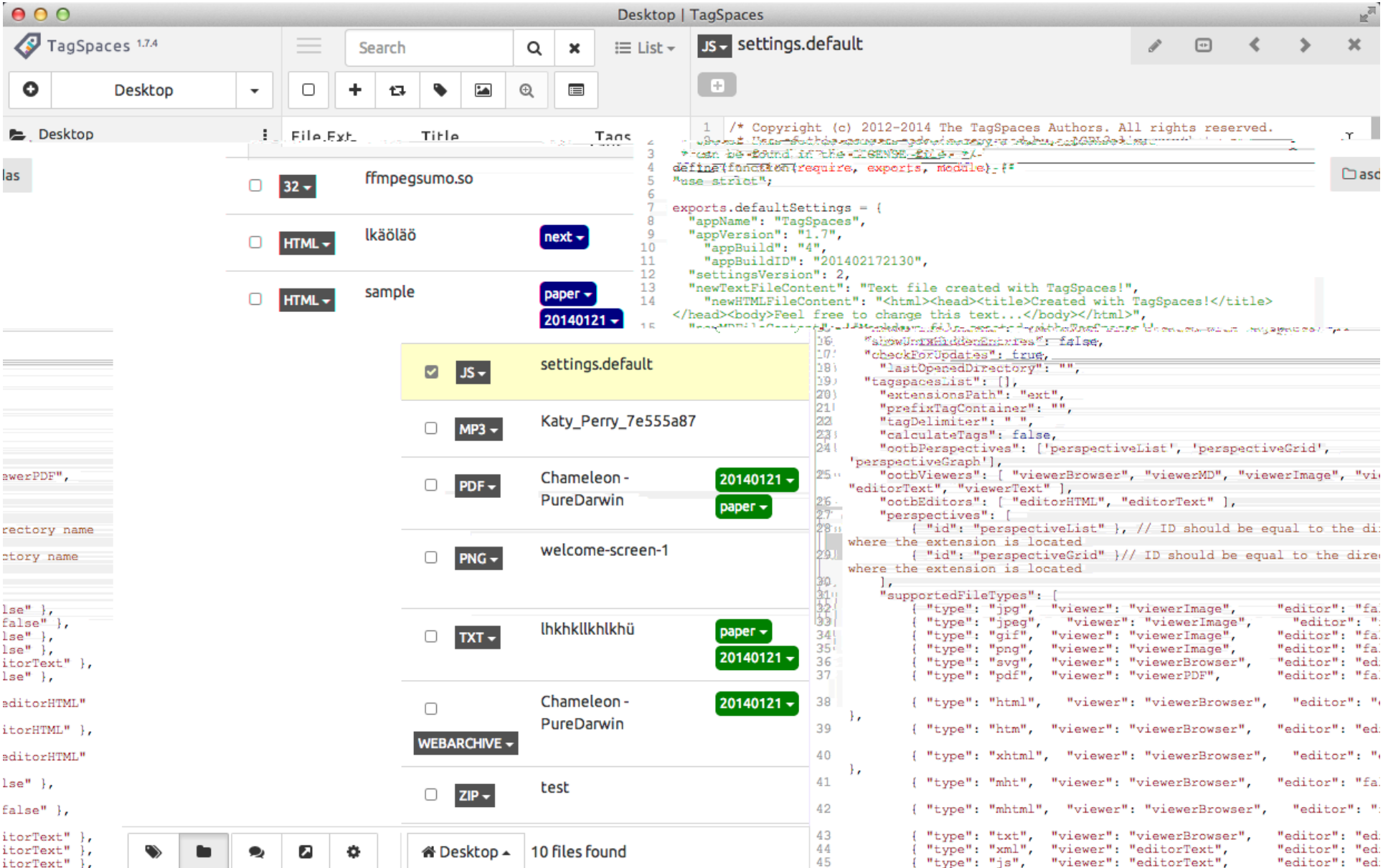
WINDOWS

- Native 32bit Application



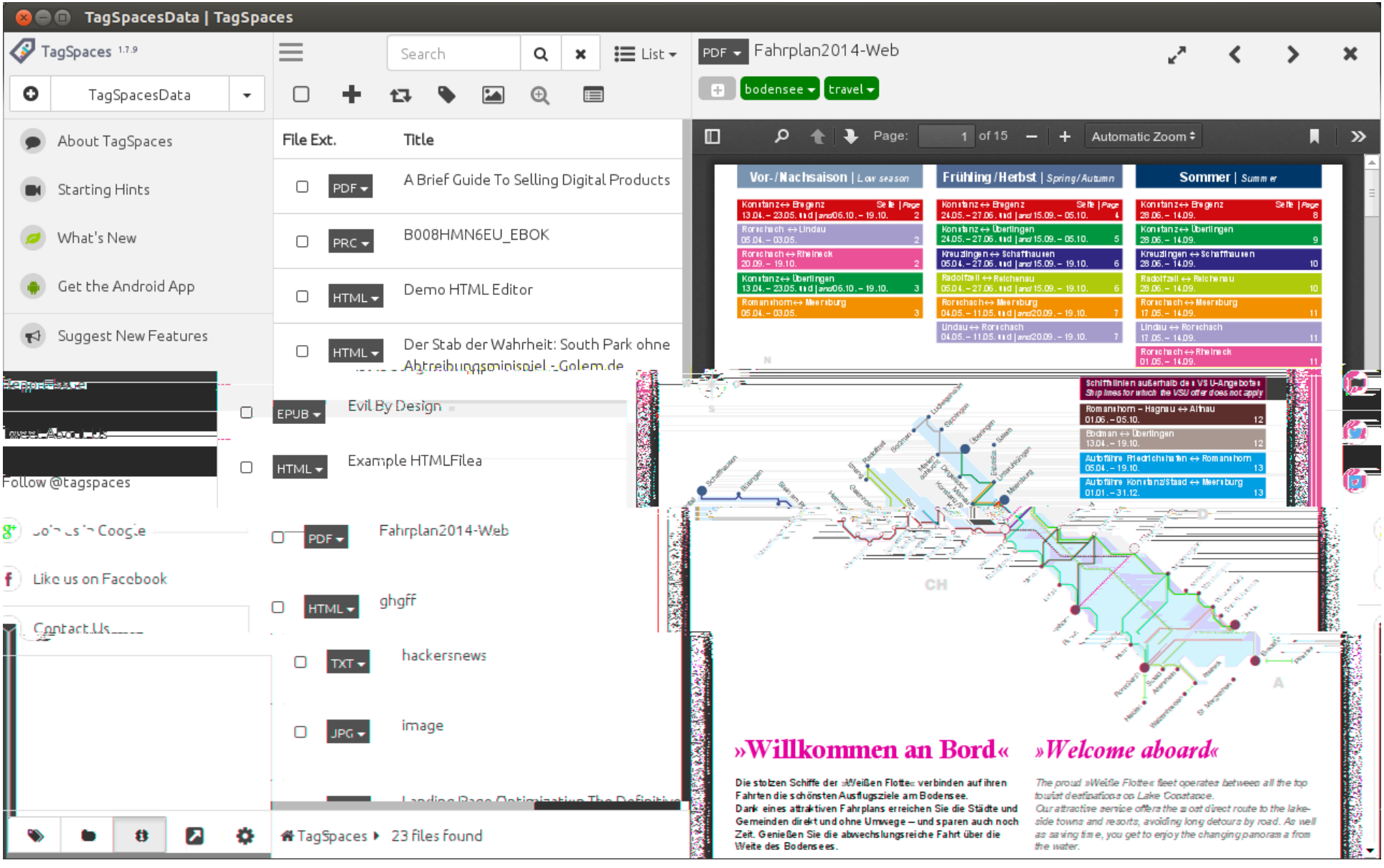
MAC OS X

- Native 32bit Application



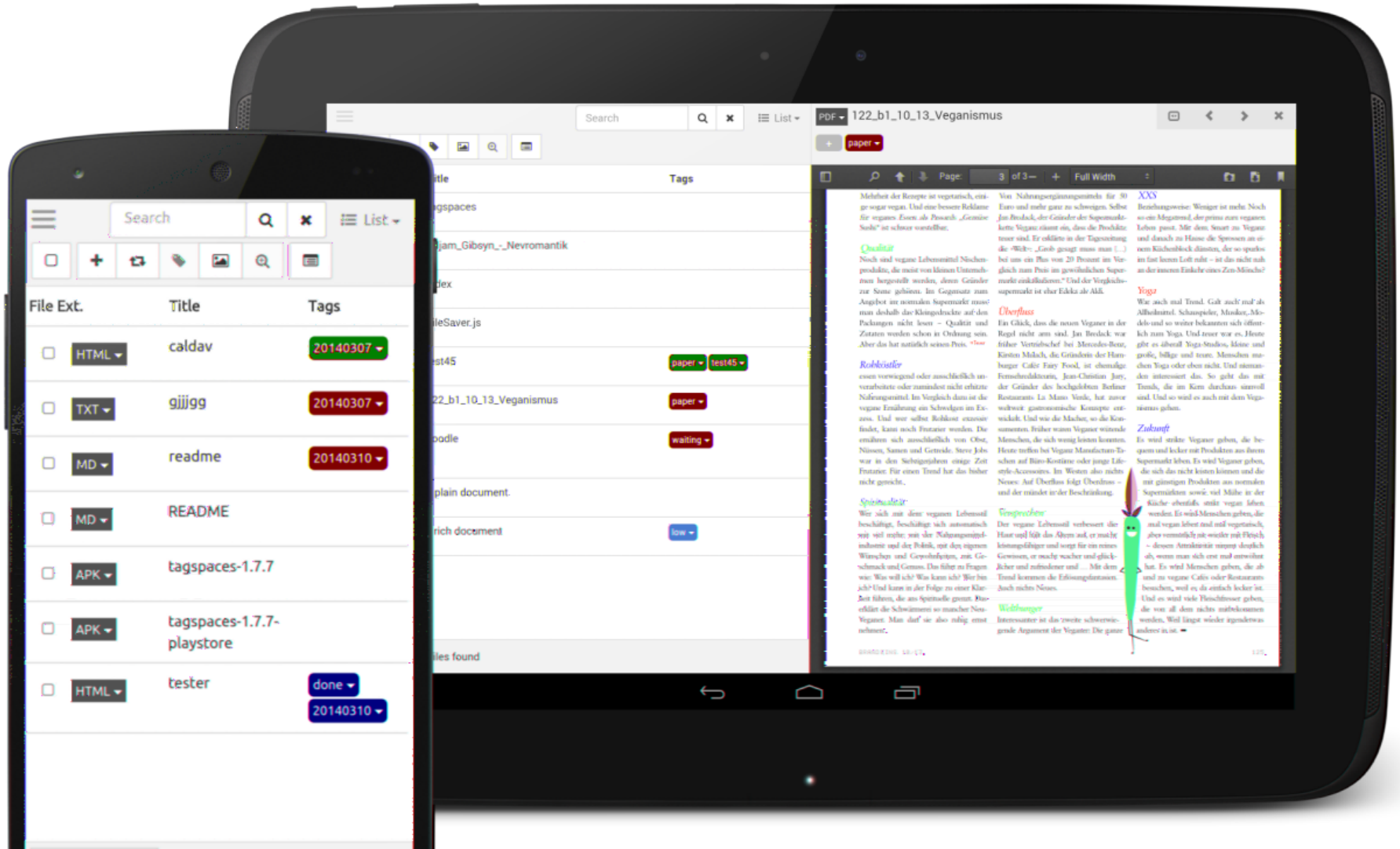
LINUX/UBUNTU

- Native 32bit and 64bit Applications



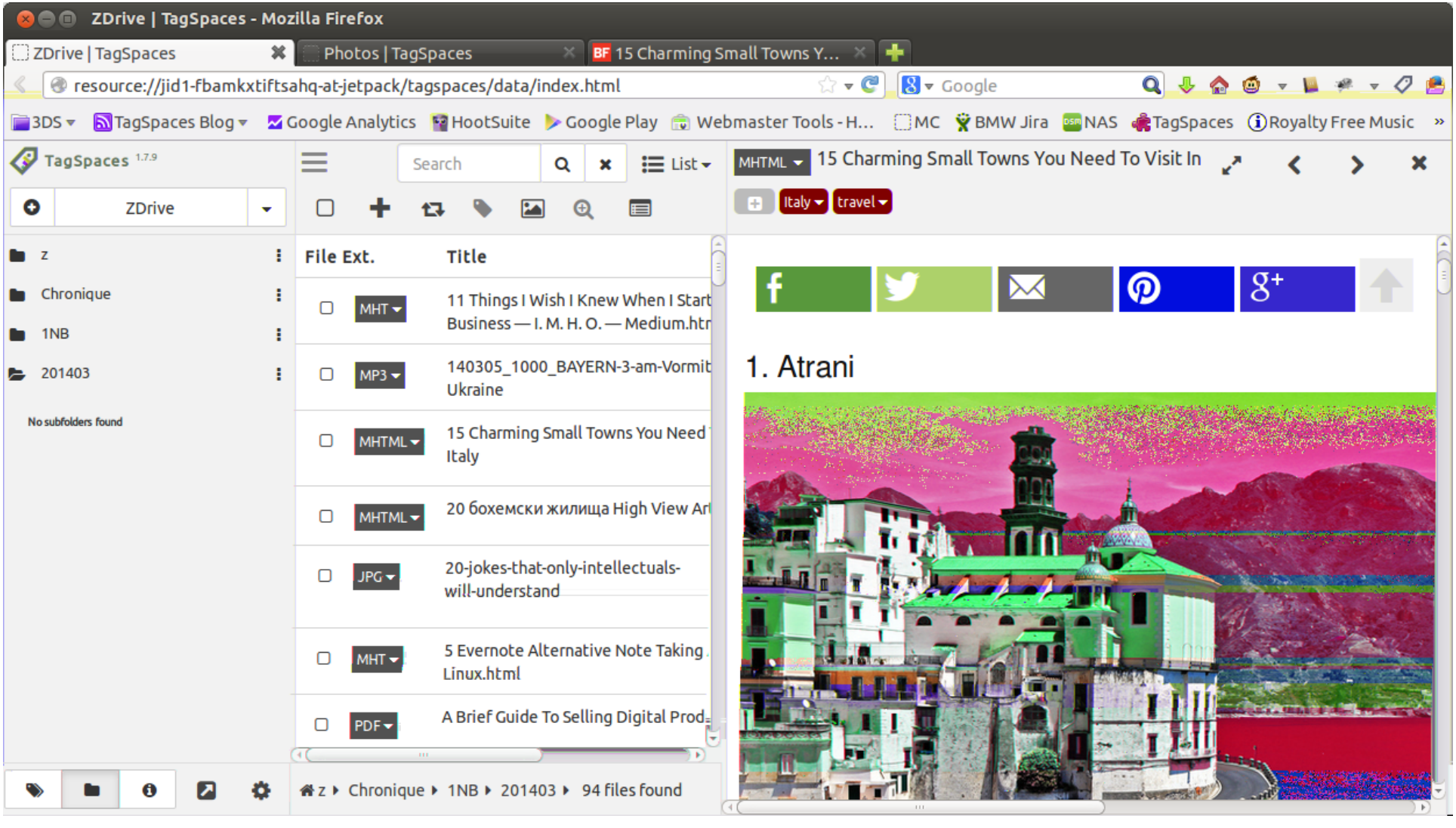
ANDROID

- App available in the Google's Play Store



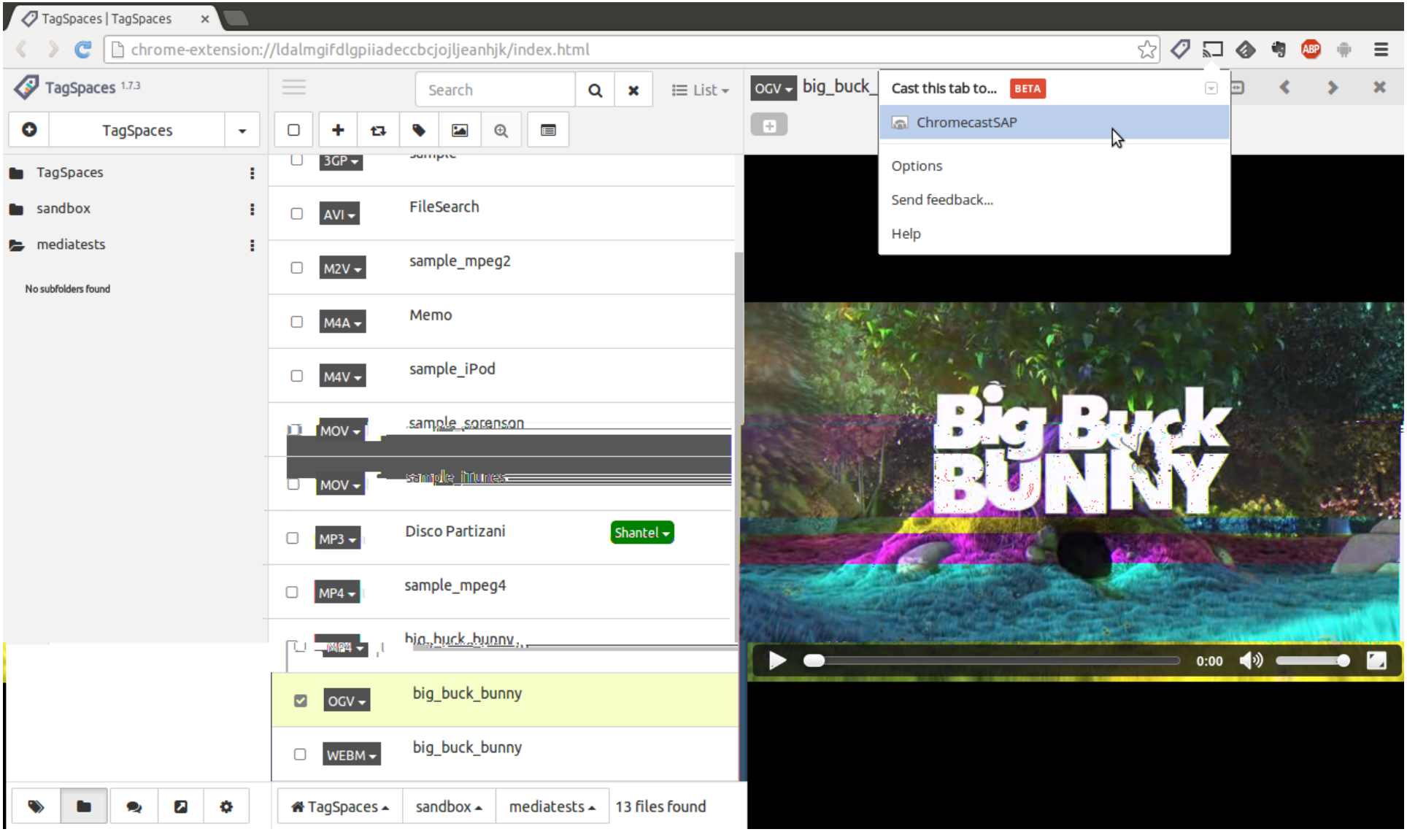
FIREFOX

- Available as Add On



CHROME

- Available as Extension



IOS

- iOS release is coming soon

WEBDAV / SERVER EDITION

- It is possible to install TagSpaces on a server:
- Connection via WebDAV interface to
- ownCloud or any other WebDAB server
- Restriction: TagSpaces should be located on the same server as the WebDAV server

CONTRIBUTE TO THE PROJECT

SPREAD THE WORD ABOUT US

- Tweet about @tagspaces
- Join us in Google+
- Like us on Facebook

IMPROVE THE APPLICATION

- By reporting issues on GitHub
- By suggesting new features on UserVoice

HELP WITH DEVELOPMENT?

- Improve existing or create new file viewers or editors.
- Create new perspectives for directory visualization.
- Just contact me to coordinate our efforts.

ABOUT ME

- Ilian Sapundshiev
- studied @ TUM - computer science & computational linquistics
- worked @ Dassault Systemes and Siemens
- now: freelancing and leading the TagSpaces project
- find me on twitter @ilianste or www.ilian.me
- interested in the open web, "noBackend" and VR

THANK YOU!

QUESTIONS?

Ilian Sapundshiev @ilianste