Pundit

CREATING AND REUSING SEMANTIC ANNOTATIONS WITH PUNDIT

DINI Jahrestagung

27–28 October 2015, Deutsche Nationalbibliothek
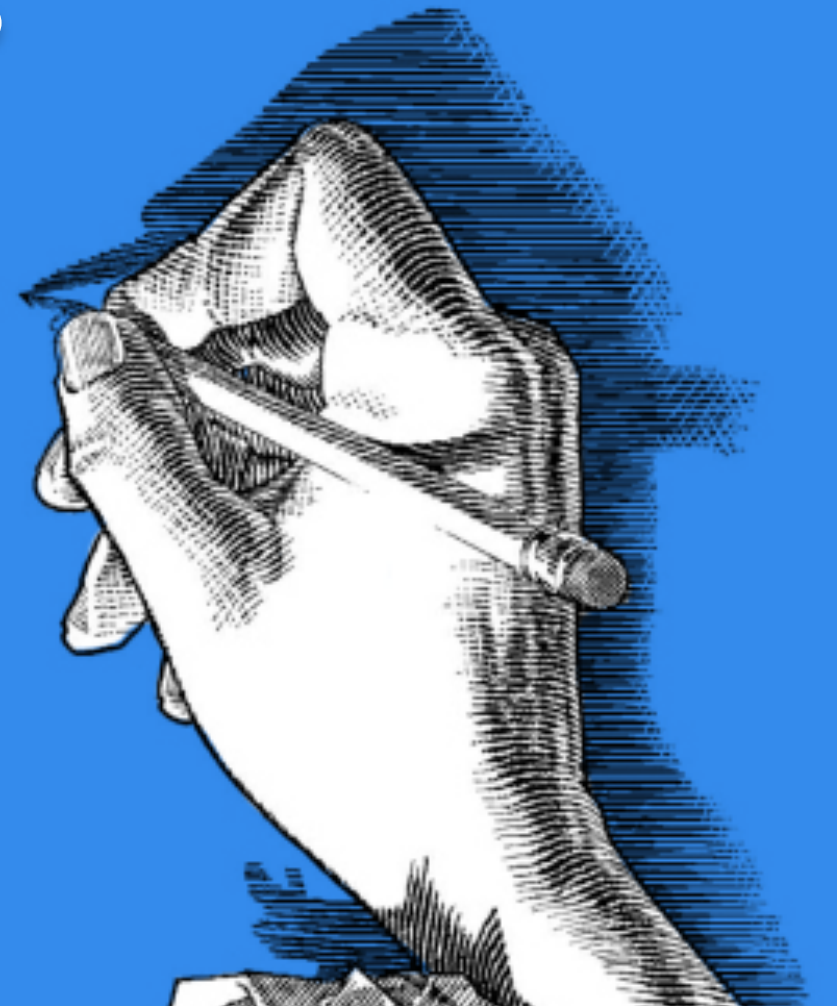Frankfurt/Main

http://dini.de/veranstaltungen/jahrestagungen/2015/

net7

Giulio Andreini
andreini@netseven.it

DINI

stom

thepund.it
@_thepundit

WHAT IS PUNDIT?

2 PAUSE for a moment, you wretched weakling, and take stock of yourself. Who are you, and what have you deserved, to be called like this by our Lord? How sluggish and slothful the soul that does not respond to Love's attraction and invitation!

At this stage, wretched man, you must keep an eye on your enemy. You must not think yourself any holier or better because of the worthiness of your calling, and because you live the solitary life. Rather the opposite: you are even more wretched and cursed unless you are doing your very best to live answerably to your calling, helped as you are by grace and direction. You ought to be all the more *humble* and loving to your spiritual husband who is

and see how you fare. God is ready when you are, and is waiting for you.

But what am I to do, you say, and how am I to 'lay hold'?

[margin: Bodily image]

[margin: (gentle stirring) of love]

3 LIFT up your heart to God with humble love: and mean God himself, and not what you get out of him. Indeed, hate to think of anything but God himself, so that nothing occupies your mind or will but only God. Try to forget all created things that he ever made, and the purpose behind them, so that your thought and longing do not turn or reach out to them either in general or in particular. Let

[margin: The difference between praise (who God is) and thanksgiving (what He has done)]

backward. See what you still lack, not what you have already; for that is the quickest way of getting and keeping humility. Your whole life now must be one of longing, if you are to achieve perfection. And this longing must be in the depths of your will, put there by God, with your consent. But a word of warning: he is a jealous lover, and will brook no rival; he will not work in your will if he has not sole charge; he does not ask for help, he asks for you. His will is that you should look at him, and let him have his way. You must, however, guard your spiritual windows and doorways against enemy attacks. If you are willing to do this, you need only to lay hold upon God humbly in prayer, and he will soon help you. Lay hold of him then,

in purgatory find their pain eased by virtue of your work. And in no better way can you yourself be made clean or virtuous than by attending to this. Yet it is the easiest work of all when the soul is helped by grace and has a conscious longing. And it can be achieved very quickly. Otherwise it is hard and beyond your powers.

Do not give up then, but work away at it till you have this longing. When you first begin, you find only darkness, and as it were a cloud of unknowing. You don't know what this means except that in your will you feel a simple stead-fast intention reaching out towards God. Do what you will, this darkness and this cloud remain between you and God, and stop you both from seeing him in the clear light of

[margin: to God]

[margin: ? the basis for this?]

[margin: a naked intent toward God in the depths of your being]

[margin: Naturally our being longs to reach out to God.]

[margin: THINGS NEEDED FOR CONTEMPLATION i. humility ... relentless effort or cooperation with grace]
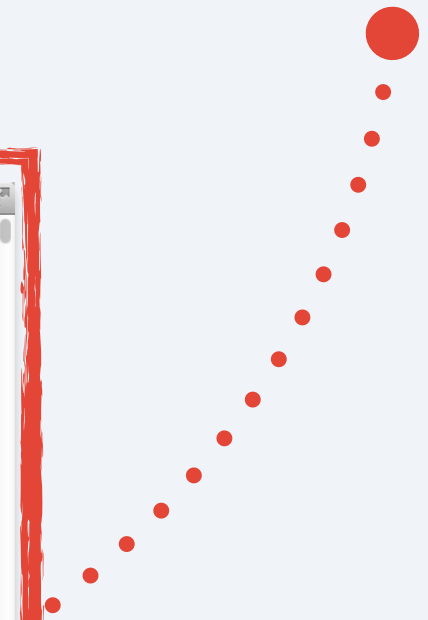
60

61

c.u.—4

JUST THINK ABOUT THIS...

ANNOTATIONS... ON THE WEB

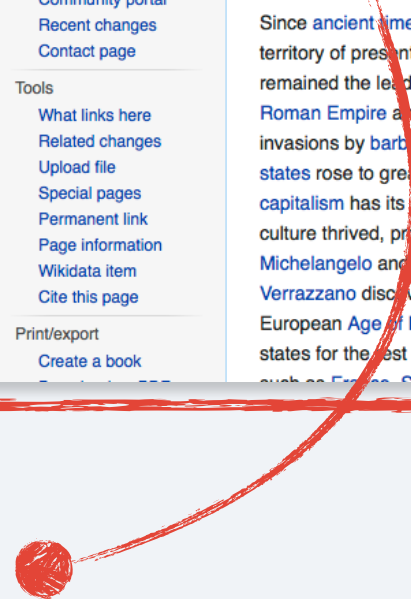Full page annotation

Image annotation

Text fragment annotation

Image fragment annotation

WHAT KIND OF ANNOTATIONS?

‣ **Semantic annotations**

‣ Comments

‣ Highlights

SEMANTIC ANNOTATIONS

▸ Simply speaking Semantic Annotations consist of **triples** with:

   A. the information that is annotated (**Subject**);

   B. the content of the annotation itself (**Object**);

   C. a predicate, that establishes a relationship amongst the two points above (**Predicate**);

…bien aimé Charras, aussi…

"is the person"

Jean-Baptiste-Adolphe Charras [wikipedia]

WHY DO YOU NEED PUNDIT?
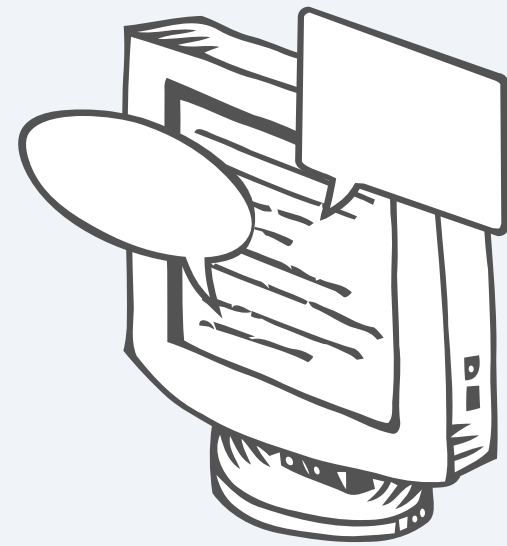
Create
knowledge
and enrich the web

Reuse
the LOD
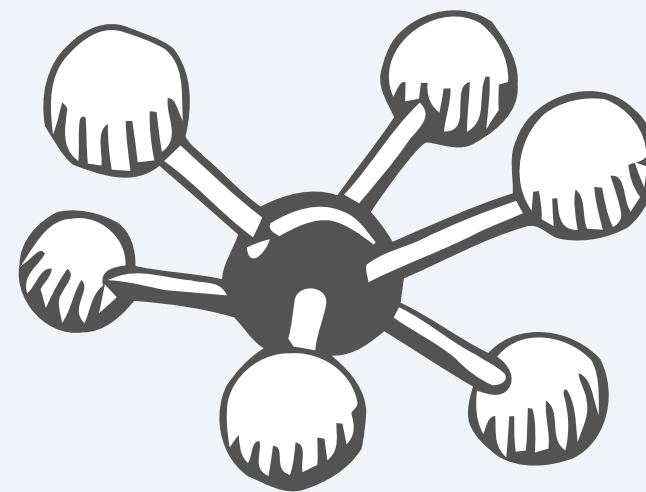
Share and
reuse

PUNDIT COMPONENTS

Pundit
Annotator
Pro

Annotation
server

Pundit
Annotator
Light
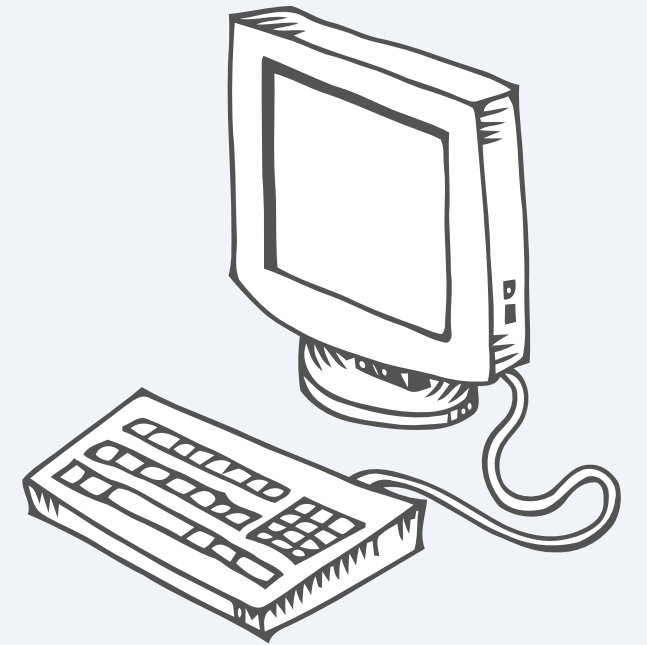
Annotations
Manager

PUNDIT ANNOTATOR PRO

- ▸ **Web application** running in the browser

- ▸ Allows the creation of **semantic annotations** using **text fragments** of web pages or whole **web pages**

- ▸ **LOD entities can be used** to compose triples

My Items   Predicates   Notebooks

Annotation composer   Notebook composer

Preview

search items

All Items   Text   Images   Entities   ...

Create new annotation

Welcome in Pundit

Add a subject   Add a predicate   Add an object

You can add items here selecting parts of text or entities in the Linked Data panel and clicking "Add to My Items".

This is the preview panel of Pundit. Just click on an element in a list and see its details here. Enjoy using Pundit.

Set subject   Set object   Remove

Save annotation   Reset

Clear preview

Random transcription
Help
Donate

Tools
What links here
Related changes
Special pages
Permanent link
Page information
Wikidata item
Cite this page

Download/print
Create a book
Download as PDF
Download as EPUB
Printable version

Languages
Add links

Speech on the Assassination of Martin Luther King, Jr. 🏷

Speech on the Assassination of Martin Luther King, Jr.

by Robert F. Kennedy

Delivered on April 4, 1968, in Indianapolis, Indiana.

🌐 sister projects: Data item.

Ladies and Gentlemen,

I'm only going to talk to you just for a minute or so this evening, because I have some -- some very sad news for all of you -- Could you lower those signs, please? -- I have some very sad news for all of you, and, I think, sad news for all of our fellow citizens, and people who love peace all over the world; and that is that Martin Luther King was shot and was killed tonight in Memphis, Tennessee.

Martin Luther King 🏷 dedicated his life to love and to justice between fellow human beings. He died in the cause of that effort. In this difficult day, in this difficult time for the United States, it's perhaps well to ask what kind of a nation we are and what direction we want to move in. For those of you who are black -- considering the evidence evidently is that there were white people who were responsible -- you can be filled with bitterness, and with hatred, and a desire for revenge.

Annotations filters (2/2)

Speech on the Assassination of Martin Lu .

WIKISOURCE

Page | Discussion

Read | Edit | View history

Main Page
Community portal
Central discussion
Recent changes
Subject index
Authors
Random work
Random author
Random transcription
Help
Donate

Tools
What links here
Related changes
Special pages
Permanent link
Page information
Wikidata item
Cite this page

Download/print
Create a book
Download as PDF
Download as EPUB
Printable version

Languages
⚙
✐Add links

Speech on the Assassination of Martin Luther King, Jr.🏷

Speech on the Assassination of Martin Luther King, Jr.

by Robert F. Kennedy

Delivered on April 4, 1968, in Indianapolis, Indiana.

sister projects: Data item.

Ladies and Gentlemen,

I'm only going to talk to you just for a minute or so this evening, because I have some -- some very sad news for all of you -- Could you lower those signs, please? -- I have some very sad news for all of you, and, I think, sad news for all of our fellow citizens, and people who love peace all over the world; and that is that Martin Luther King was shot and was killed tonight in Memphis, Tennessee.
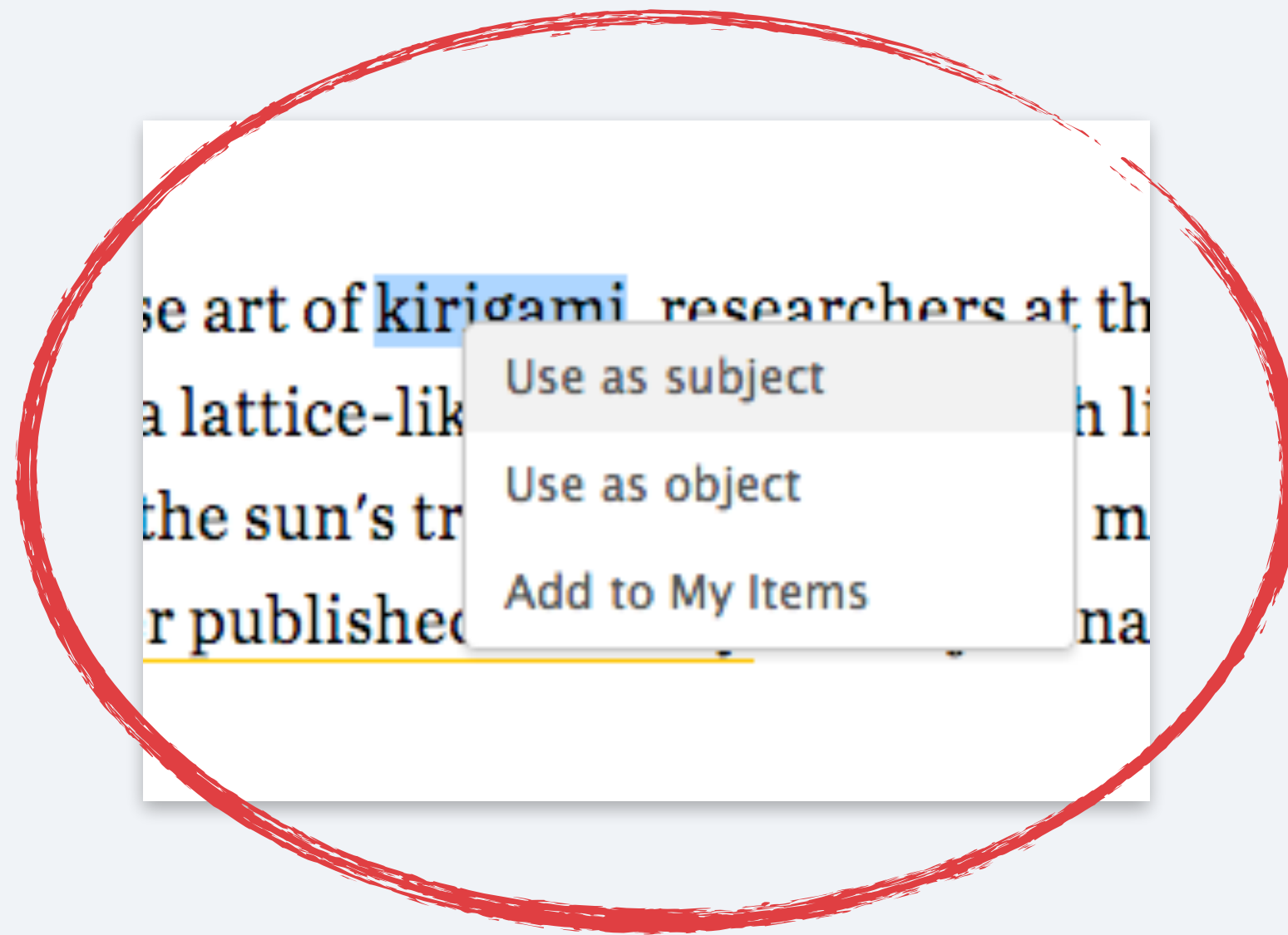
Martin Luther King🏷 dedicated his life to love and to justice between fellow human beings. He died in the cause of that effort. In this difficult day, in this difficult time for the United States, it's perhaps well to ask what kind of a nation we are and what direction we want to move in. For those of you who are black -- considering the evidence evidently is that there were white people who were responsible -- you can be filled with bitterness, and with hatred, and a desire for revenge.

We can move in that direction as a country, in greater polarization -- black people amongst blacks, and white amongst whites, filled with hatred toward one another. Or we can make an effort, as Martin Luther King did, to understand, and to comprehend, and replace that violence, that stain of bloodshed that has spread across our land, with an effort to understand, compassion, and love.

For those of you who are black and are tempted to fill with -- be filled with hatred and mistrust
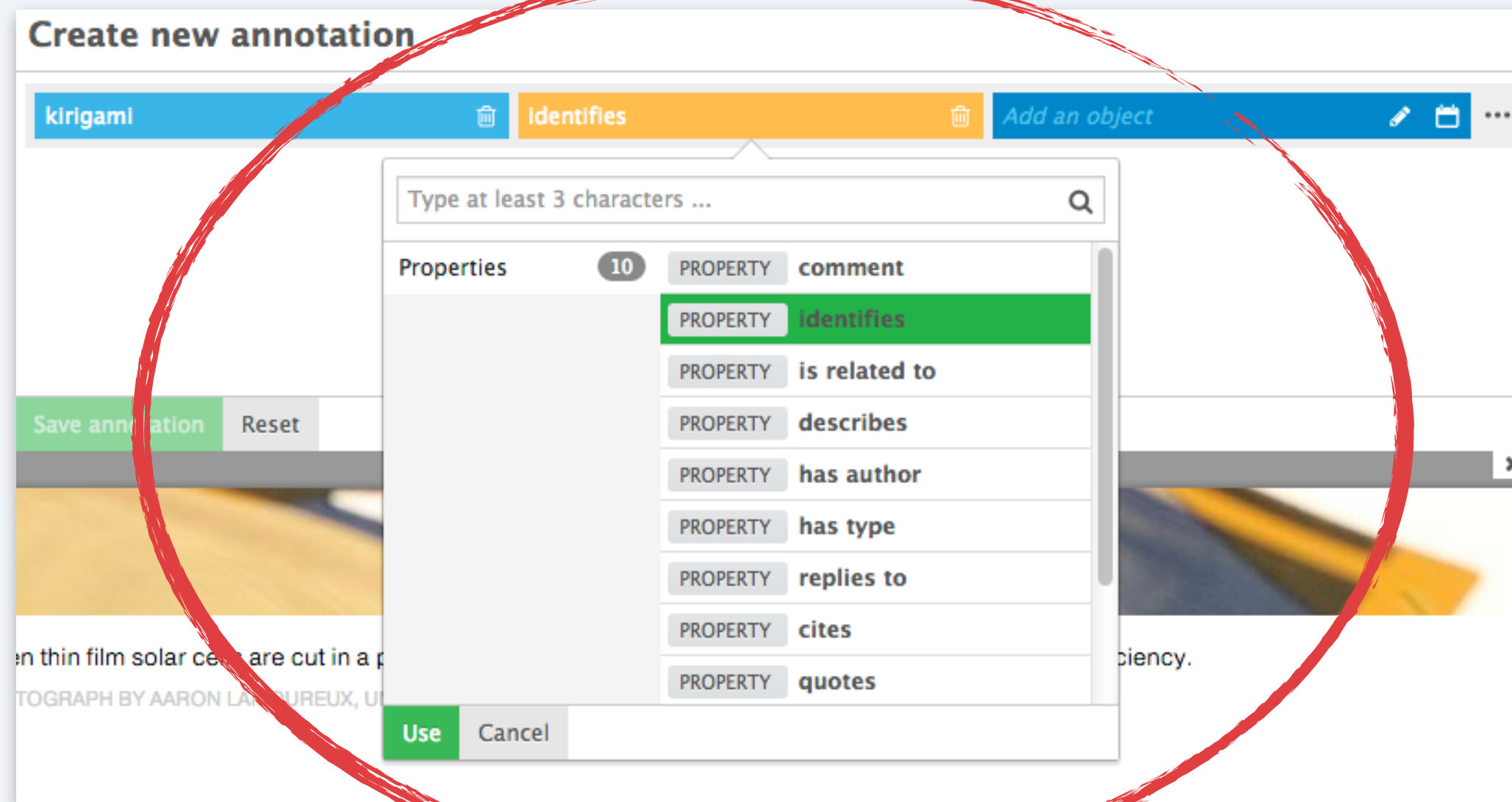
Martin Luther King

Annotation's info

🔵 Martin Luther King
🟡 identifies
🔵 Martin Luther King Jr.

Edit | Delete

My Items   Predicates   Notebooks

Annotation composer   Notebook composer

Preview

search items

Edit and update your annotation

Martin Luther King, Jr. Day

All Items   Text   Images   Entities   ...

Martin Luther King   🗑   Add a predicate   Martin Luther King Jr.   🗑   ...

THING

You can add items here selecting parts of text or entities in the Linked Data panel and clicking "Add to My Items".

Martin Luther King   🔍

| My Items | 0 | THING | Martin Luther King Jr. |

DBPedia   15   THING   **Martin Luther King, Jr. Day**

AGENT   Coretta Scott King

Martin Luther King Jr. Day (officially Birthday of Martin Luther King Jr) is an American federal holiday marking the birthday of Martin Luther King Jr. It is observed

Set subject   Set object   Remove   Update Annotation

THING   Assassination of Martin L...

THING   Martin Luther King Jr., Na...

THING   African-American Civil Ri...

AGENT   Martin Luther King, Sr.

PLACE   Martin Luther King, Jr. Me...

AGENT   Martin Luther King III

Clear preview   More info

Printable version

Languages ⚙
✏Add links

Use   Cancel

Annotations filters (2/2)

Ladies and Gentlemen,

I'm only going to talk to you just very sad news for all of you -- news for all of you, and, I think peace all over the world; and tha Memphis, Tennessee.

Martin Luther King 🏷 dedicated his life to love and to justice between fellow human beings. He died in the cause of that effort. In this difficult day, in this difficult time for the United States, it's perhaps well to ask what kind of a nation we are and what direction we want to move in. For those of you who are black -- considering the evidence evidently is that there were white people who were responsible -- you can be filled with bitterness, and with hatred, and a desire for revenge.

We can move in that direction as a country, in greater polarization -- black people amongst blacks, and white amongst whites, filled with hatred toward one another. Or we can make an effort, as Martin Luther King did, to understand, and to comprehend, and replace that violence, that stain of bloodshed that has spread across our land, with an effort to understand, compassion, and love.

For those of you who are black and are tempted to fill with -- be filled with hatred and mistrust

📄 Martin Luther King

Annotation's info

🔵 Martin Luther King

🟡 identifies

🔵 Martin Luther King Jr.

Edit   Delete

CREATE AN ANNOTATION IN ANNOTATOR PRO

se art of kirigami, researchers at th

a lattice-lik   h li

the sun's tr   m

r published   na

Use as subject

Use as object

Add to My Items

# CREATE AN ANNOTATION IN ANNOTATOR PRO

CREATE AN ANNOTATION IN ANNOTATOR PRO

CREATE AN ANNOTATION IN ANNOTATOR PRO

panese art of kirigami 🏷 , researchers at the University of
ated a lattice-like cell that can stretch like an accordion,
long the sun's trajectory and capture more energy. They detail
published Tuesday in the journal *Nature Communications*.

a basic problem with solar arrays: The sun moves; panels
at means energy is lost as the sun changes position, unless

💬 kirigami	
Annotation's info	▾
🔵 kirigami	▾
🟠 identifies	▾
🔵 Kirigami	▾
Edit	Delete
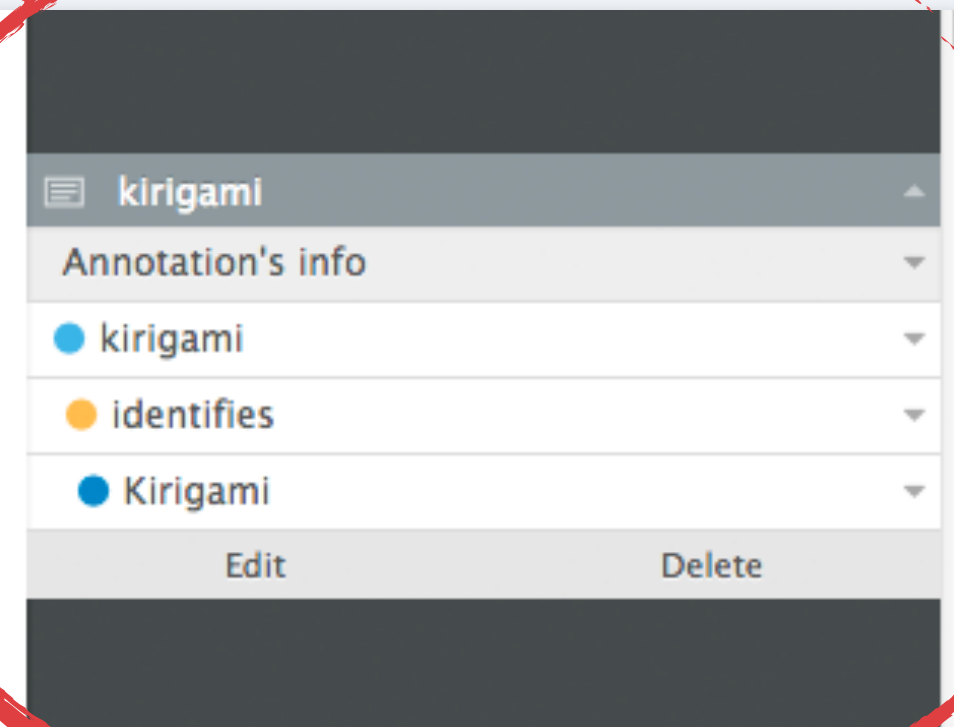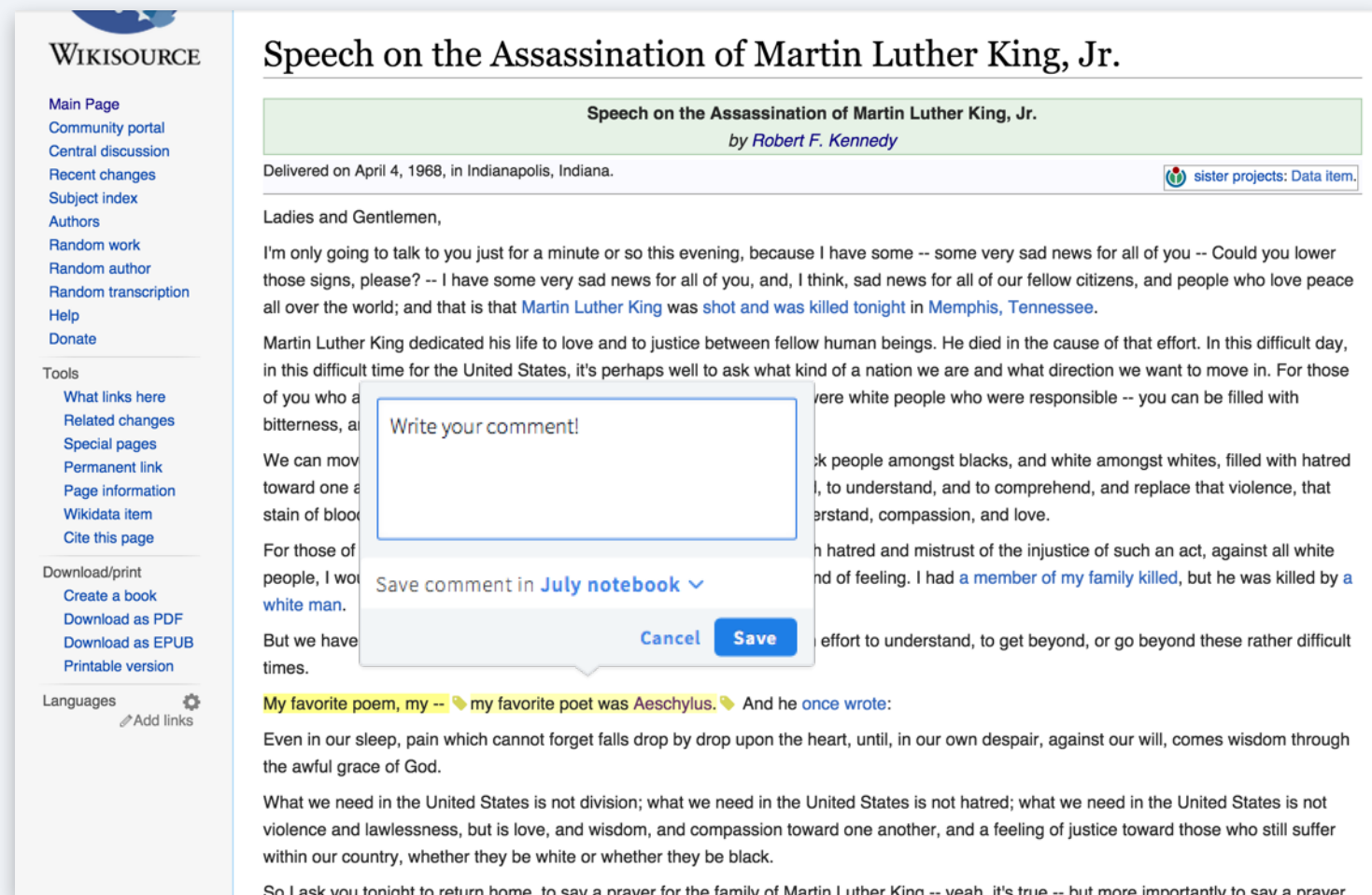
ANNOTATION SERVER
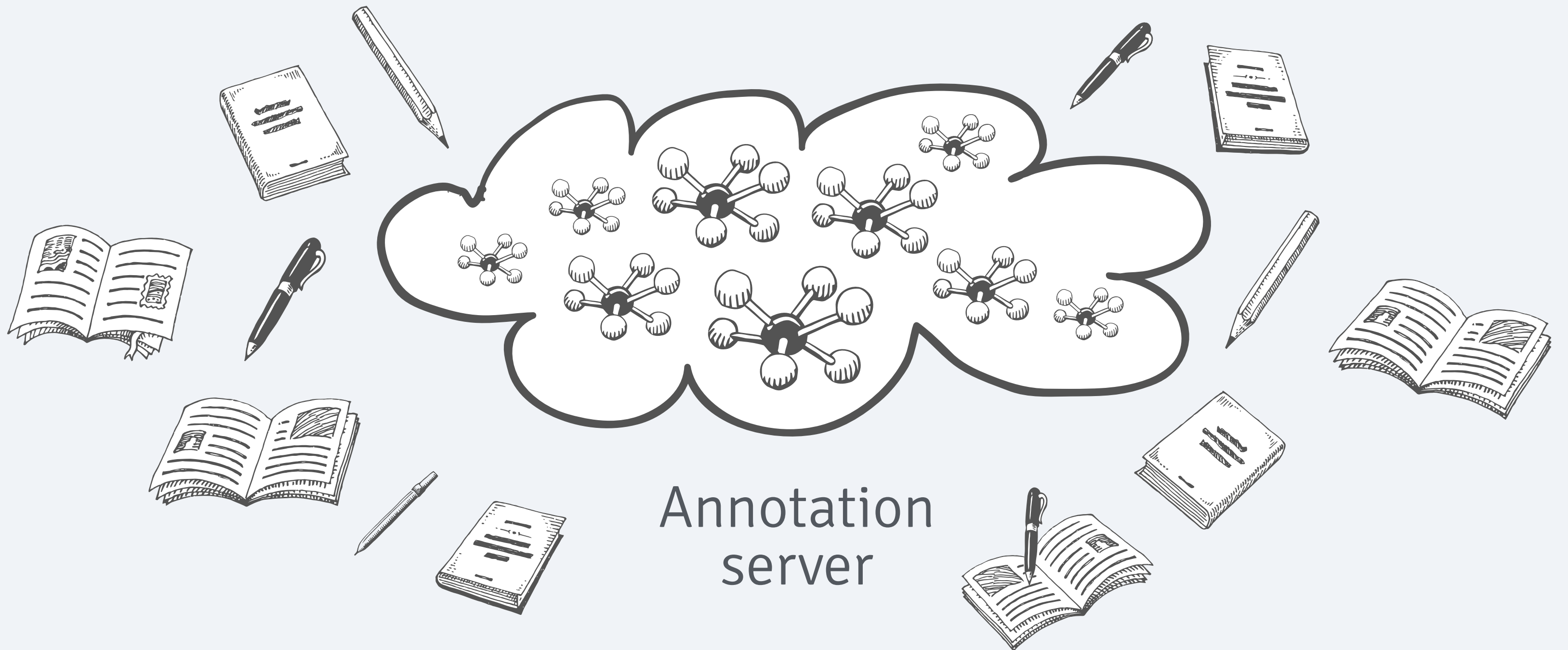
Annotation
server

Web Annotation Data Model defined by the Web Annotation Working Group of W3C

PUNDIT ANNOTATOR LIGHT

- **Easy and friendly** interface
- **Less features** than the Pro version
- Fast textual **comments** creation
- Text **highlight** features
- Total **integration** with the Pundit environment
- **Social** features

MORE FUTURE FEATURES

- **Templates**
  Faster annotation
- **Ann-o-matic**
  Entity extraction
- **Image annotation**
- **Image fragment annotation**

TECHNOLOGY

Pundit Annotator Pro/Light
- HTML, CSS (LESS), Javascript, Angular JS

Annotation Server
- Java, Symfony, Sesame (GraphDB™ Standard Edition), MySql, Solr

PROJECTS USING PUNDIT

- StoM (SemLib to Market)
- Europeana Sounds
- ERC-ADG-Looking at words through images
- ERC-ADG-The European Correspondence to Jacob Burckhardt (just released!)

REUSING DATA
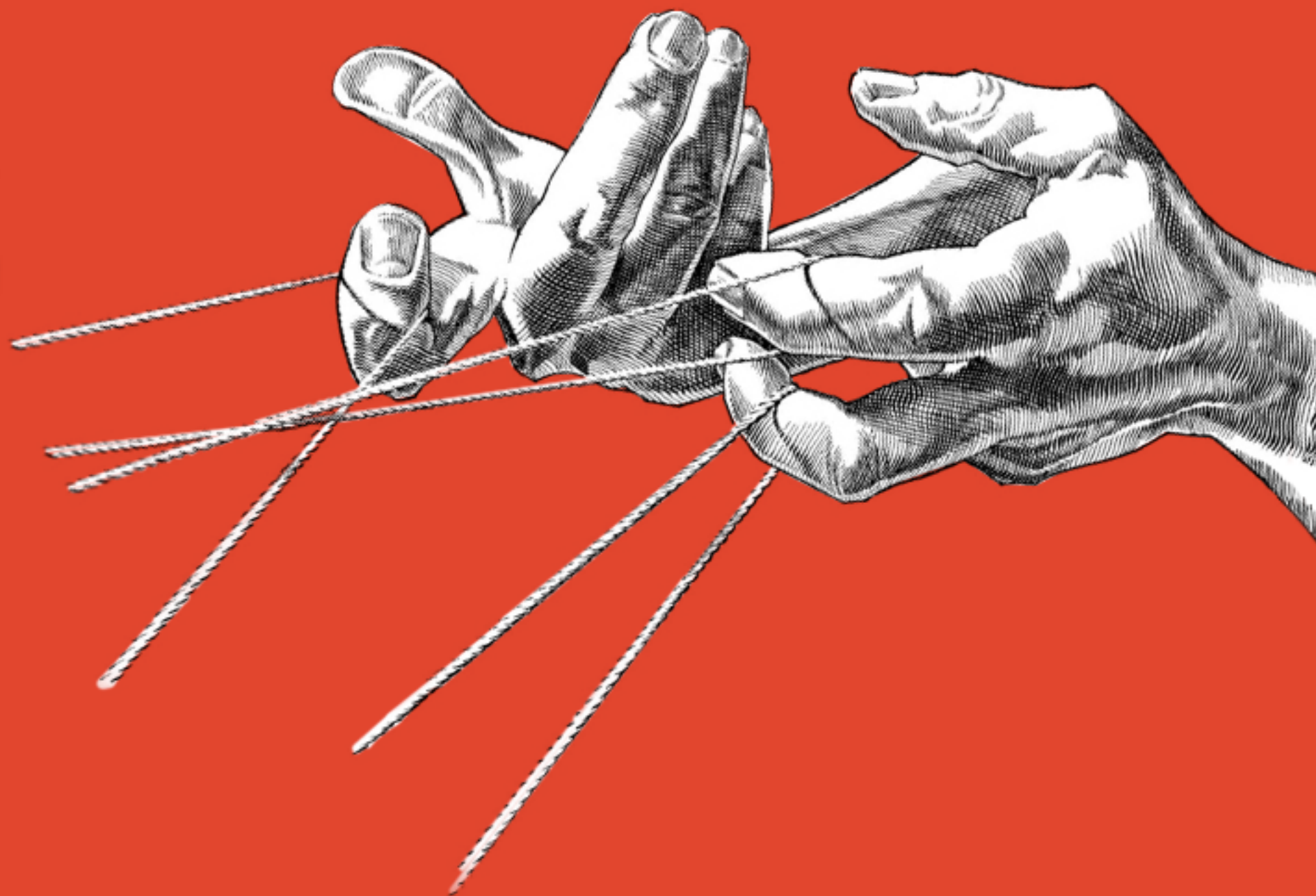
ANNOTATIONS IN WEB PAGES

- ▸ The essential way of reusing annotations is finding them in the context of the page where they were created

- ▸ Social interaction is a starting point for more enrichment.

ANNOTATIONS MANAGER
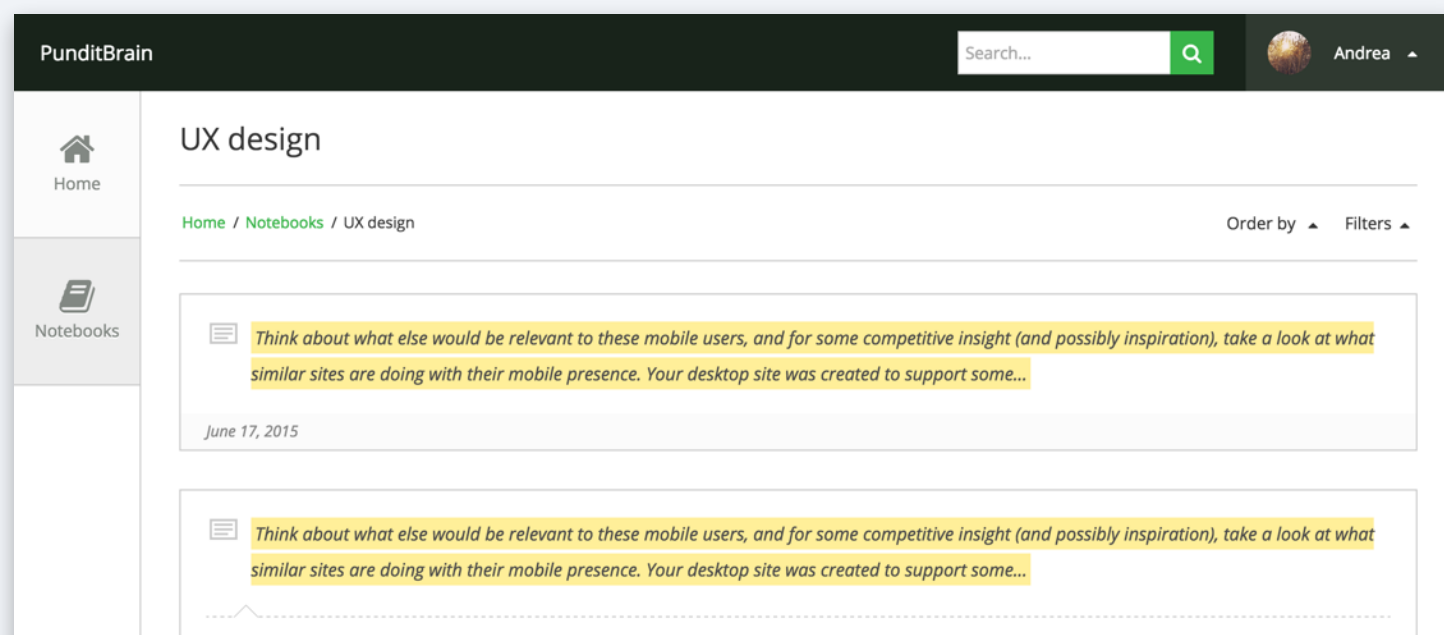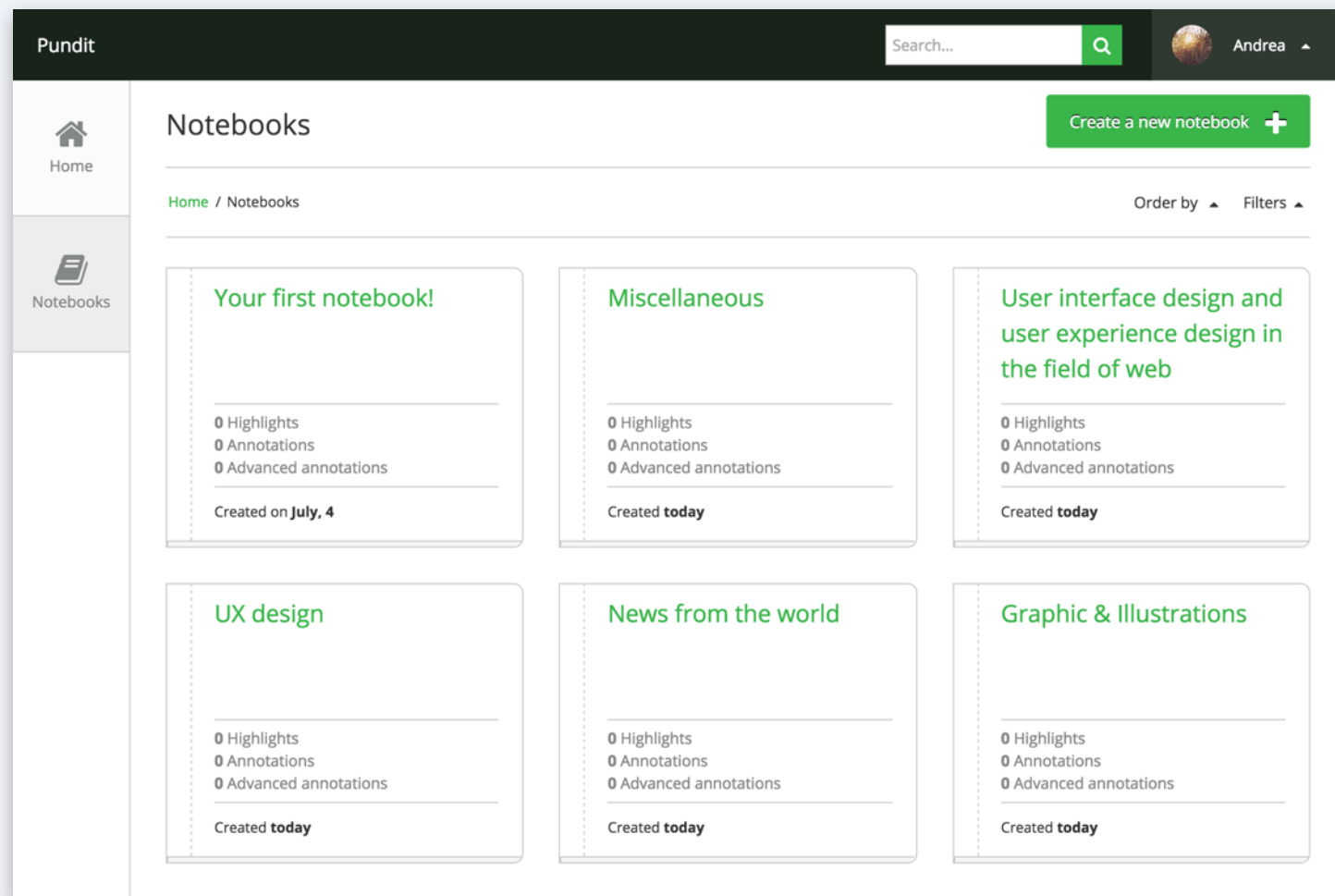
- Centralized **annotations management**

- **Notebooks** management

- **Integration** with both Annotator Pro and Light

- Advanced **search tools** and search result **filtering**

- **Semantic tools** for advanced search performance

- Annotations export

Faraway
The World Wide before the Web

The collection Faraway includes sixteen fascinating letters sent to Jacob Burckhardt by notable learned men from around the world.
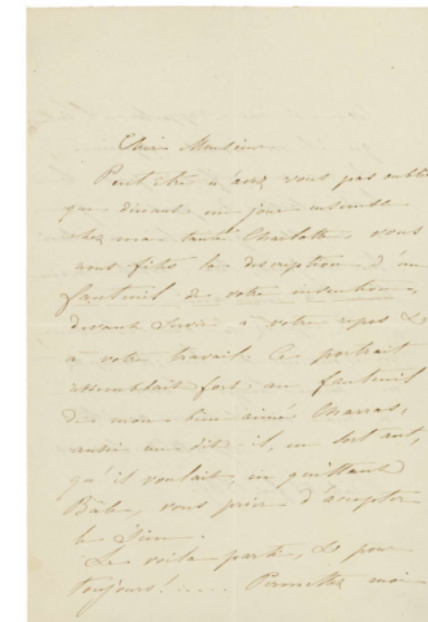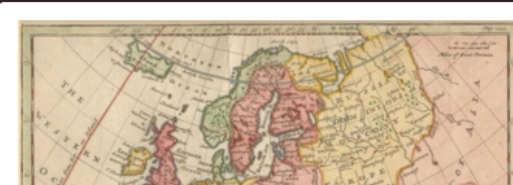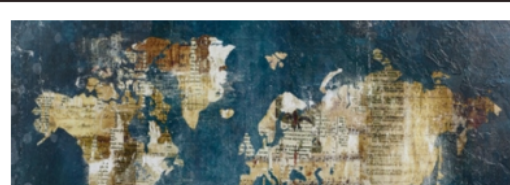
Collections

Potnia
Read

Bode
Read

Music
Read

Highlights

From Mathilde Charras-Kestner To Jacob

FROM-valbusa-diego-TO-burckhardt-jacob-1874-10-13

Mantova, 13 ottobre 1874.

Illustre Signore

,

Ho tardato qualche giorno a rispondere alla cortese lettera di V. S. per poterle dar notizia del libro speditomi, che effettivamente mi fu consegnato jeri. Dal rapido sguardo che ho dato alle note e addizioni manoscritte mi sono persuaso che anche la scrittura del sig. professore Kugler è abbastanza leggibile, per cui ho fiducia di poter decifrare il tutto senza molta fatica e con la maggiore fedeltà ed esattezza possibile.

Le trattative col Sansoni, dopo molto esitare, hanno finalmente sortito l'esito desiderato. Con lettera del 7 corrente egli accetta definitivamente la pubblicazione della mia traduzione. Questa pubblicazione si farà in due volumi di mole pressochè uguale e del formato di quelli di Le Monnier. Il primo conterrà i tre primi capitoli, che io chiamo parti, dell'originale; il secondo i rimanenti. Questa divisione s'è adottata per prevenire l'eventuale concorrente romano, potendo in tal modo il primo volume esser pronto pel gennaio prossimo. – I tipi e la carta non avranno niente da invidiare a quelli del Le Monnier suddetto.

Resta ora ch'io senta il parere di V. S. su qualche piccola modalità.

1º. Chiamando parti quelle che l'originale denomina Abschnitte, non potrebbe ciascuna di esse venir suddivisa in capitoli secondo la ripartizione dell'Indice generale indicata con caratteri più rilevati e precisamente come nel prospettino qui annesso? Gl'intervalli verrebbero ugualmente rispettati, e l'edizione s'accomoderebbe forse più alle esigenze dei lettori italiani.

Filters

✉ "Valbusa, Diego" ⊗   👤 "Kugler, Bernhard" ⊗

Speaks of

📅 **Years** ▲

| 1874 | 3 |
| 1875 | 2 |

✉ **Senders** ▲

| ✔ Valbusa, Diego | 5 |

✏ **Compilation place** ▲

| Mantova | 5 |

📥 **Receiving place** ▲

| Basel | 1 |

☰ 🌐 🕐 Search results: **5**

Search...

From: Valbusa, Diego To Burckhardt, Jacob
Mantova, 1874, letter 471

From: Valbusa Diego / Mantova
To: Burckhardt, Jacob Year: 1874
Identified persons: Gervinus Georg Gottfried,Kugler Bernhard,Galascz,Seemann Ernst A.,Sansoni Giulio Cesare
Identified places: Italien, Mantua, Rom, Tübingen, Leipzig

Thanks B. for the positive reaction to his proposal of an Italian translation of «Die Kultur der Renaissance in Italien». Valbusa heard about a similar project in Rome, he intends to base his version upon Bernhard Kugler's forthcoming new edition of ...

From: Valbusa, Diego To Burckhardt, Jacob
Mantova, 1874, letter 410

From: Valbusa Diego / Mantova
To: Burckhardt, Jacob Year: 1874

👤 **Persons** ▲

✔ Kugler, Bernhard	5
Sansoni, Giulio Cesare	4
Galascz	2
Voigt, Georg	2

📍 **Places** ▲

Italien	3
Leipzig	2
Tübingen	1
Rom	1
Mantua	1

🖌 **Artworks** ▲

📖 **Bibliographies** ▲

| Burckhardt, J., & Valbusa, D. (1876). La civiltà del secolo del rinascimento in Italia | 3 |

Filters

✉ "Valbusa, Diego" ⊗   👤 "Kugler, Bernhard" ⊗

Speaks of

📅 **Years** ▲

1874	3
1875	2

✉ **Senders** ▲

| ✓ Valbusa, Diego | 5 |

✏ **Compilation place** ▲

| Mantova | 5 |

🗄 **Receving place** ▲

| Basel | 1 |

☰ 🌐 🕐 Search results: **5**

Search...

👤 **Persons** ▲

✓ Kugler, Bernhard	5
Sansoni, Giulio Cesare	4
Galascz	2
Voigt, Georg	2

📍 **Places** ▲

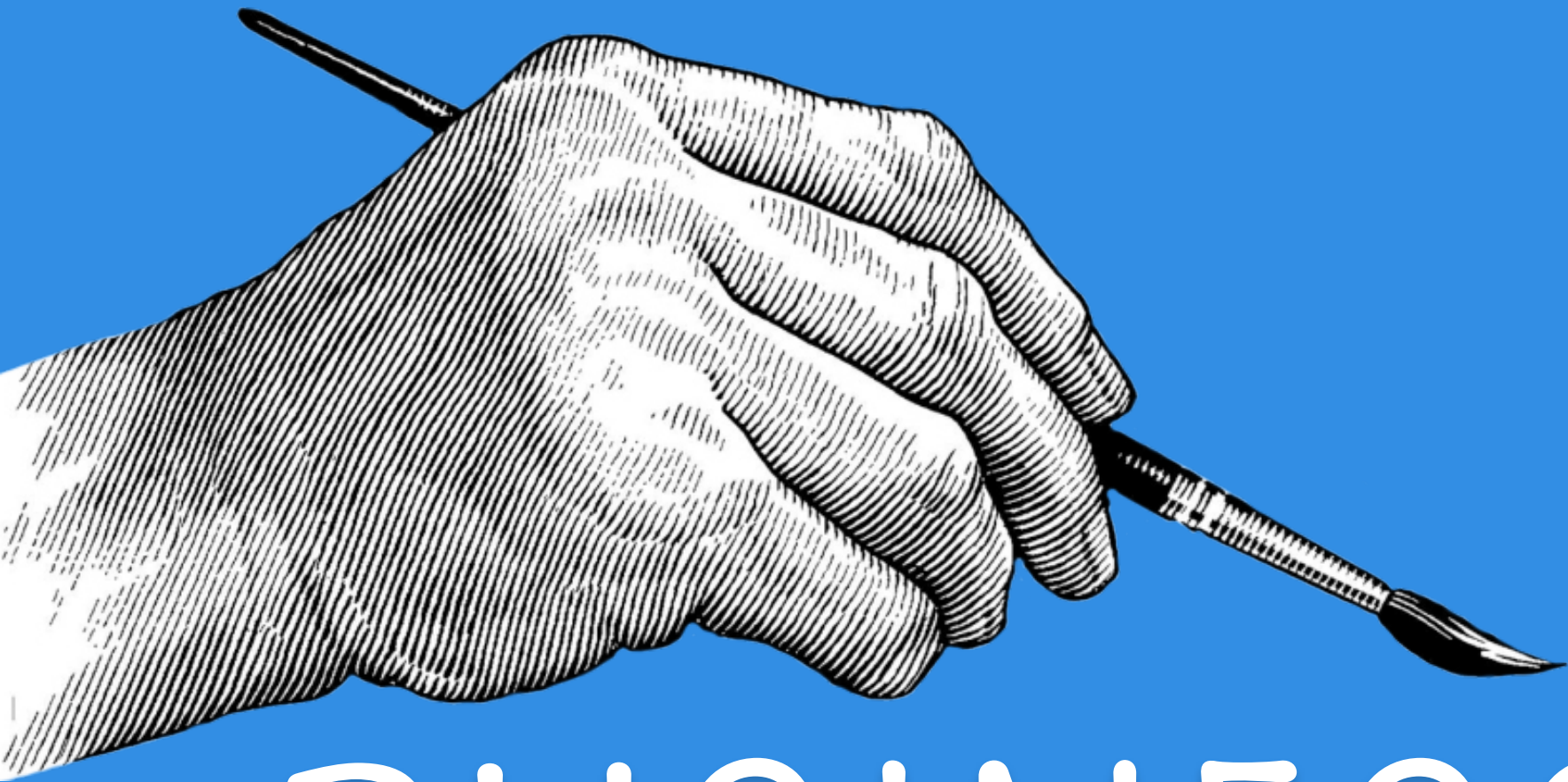| Italien | 3 |
Leipzig	2
Tübingen	1
Rom	1
Mantua	1

🖌 **Artworks** ▲

📖 **Bibliographies** ▲

| Burckhardt, J., & Valbusa, D. (1876). La civiltà del secolo del rinascimento in Italia | 3 |

Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox

BUSINESS MODEL

PUNDIT PRODUCT

#PUNDITLAB

It's a bundle of tools:

- Pundit Annotator Light
- Pundit Annotator Pro
- Pundit Annotations Manager

These will provided as a Software as a service (SAAS) with different plans.

Tailor made projects made starting from the Pundit core.

We can modify Pundit to respond to any special requirement.

E.G. For **Europeana Sounds** and **Ampere** we are implementing some special features.

HOW TO USE PUNDIT

CHROME EXTENSION

- ‣ Fastest and easiest way to install and use Pundit Annotator.

- ‣ Best for personal use and productivity.

- ‣ Auto updates, new features coming for free.

- ‣ Stores annotations on central Pundit server.

- ‣ Can be installed here: http://tinyurl.com/punditchrome

EMBED PUNDIT ANNOTATOR

‣ Pundit code is hardcoded/embed in HTML pages. Pundit launches automatically.

‣ Best solutions for Digital Libraries where we want to use Pundit.

‣ Best solutions for Magazines and Newspapers where we want to start social interaction among users, based on annotations and comments.

‣ More info here: http://net7.github.io/pundit2

FEED.THEPUND.IT

‣ Allows to launch Pundit in web pages **without** the Chrome Extension and **without** code embedding.

‣ The URL of the page is appended to the URL: **http://feed.thepund.it/**

‣ Allows to easily select a **configuration** for Pundit and even a Pundit **version**.

‣ Best solutions for web applications where we want to use Pundit without embedding the code (allowing to visit pages also without Pundit).

‣ More info here: http://net7.github.io/pundit2

CONTRIBUTE !

START USING PUNDIT TODAY

Go to this link:

http://tinyurl.com/punditchrome
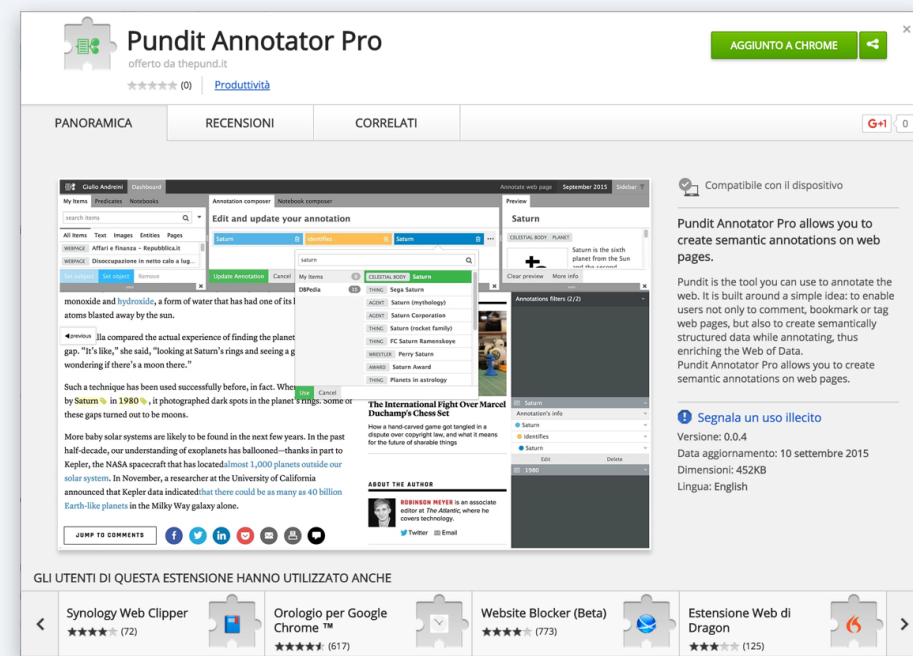
…install the Chrome Extension and use it!

Enrich the web with your semantic annotations!

EMBED PUNDIT IN YOUR PROJECT

```html
normal; letter-spacing: normal; word-spacing: normal;"><div id="MathJax_Hidden"></div></div><div id="MathJax_Message" style="disp
none;"></div>

<div data-ng-app="Pundit2" class="pnd-wrp ng-scope">
<link rel="stylesheet" href="http://dev.thepund.it/download/client/last-beta/pundit2.css" type="text/css">
<script src="http://dev.thepund.it/download/client/last-beta/libs.js" type="text/javascript" ></script>
<script src="http://dev.thepund.it/download/client/last-beta/pundit2.js" type="text/javascript" ></script>
<script src="http://conf.thepund.it/V2/clients/pundit2_site_demo.js" type="text/javascript" ></script>

<a href="http://ampere.dev.huma-num.fr/ampere/publications/P1814-c#content" id="skipnav">Skip to main content</a>
<div id="wrap">
```

Go to this page:

http://net7.github.io/pundit2/

and learn hot to embed Pundit in your Digital Library or web site.

Contact **Net7** for support!

PUNDIT IS OPEN SOURCE

Pundit

THANK YOU FOR WATCHING!

Pundit website	**thepund.it**
Chrome Extension	**tinyurl.com/punditchrome**
Developers site	**net7.github.io/pundit2**
Pundit presentation video	**tinyurl.com/punditvideo**
Giulio Andreini	**andreini@netseven.it**
Net7, Pisa	**www.netseven.it**

net7

Giulio Andreini
andreini@netseven.it

DINI
Medienzentren
Bibliotheken
Rechenzentren
Wissenschaft

stom

thepund.it
@_thepundit