



ForgetIT

ForgetIT Project, GA 600826



WP9 Personal Preservation D9.2 Mock-ups

The ForgetIT consortium

This presentation is bundled with the deliverable D9.2 Use cases & Mock-ups



Version 1.0, February 2014





Mock-up Overview

- ◆ Preservation
 - Preserving with PIMOCLOUD & Restoring
- ◆ Forgetting
 - Forgetting files no longer relevant
 - Accessing forgotten material
 - Buoyancy-enhanced PIMO UI
- ◆ Reminiscence with Photos
 - PIMO-based photo organization
- ◆ PIM with PIMO
 - Tagging resources with FireTag
 - Task Management with FireTask
 - Calendar
 - Semantic Text Writing with seed

b
e
n
e
f
i
t

u
s
a
g
e

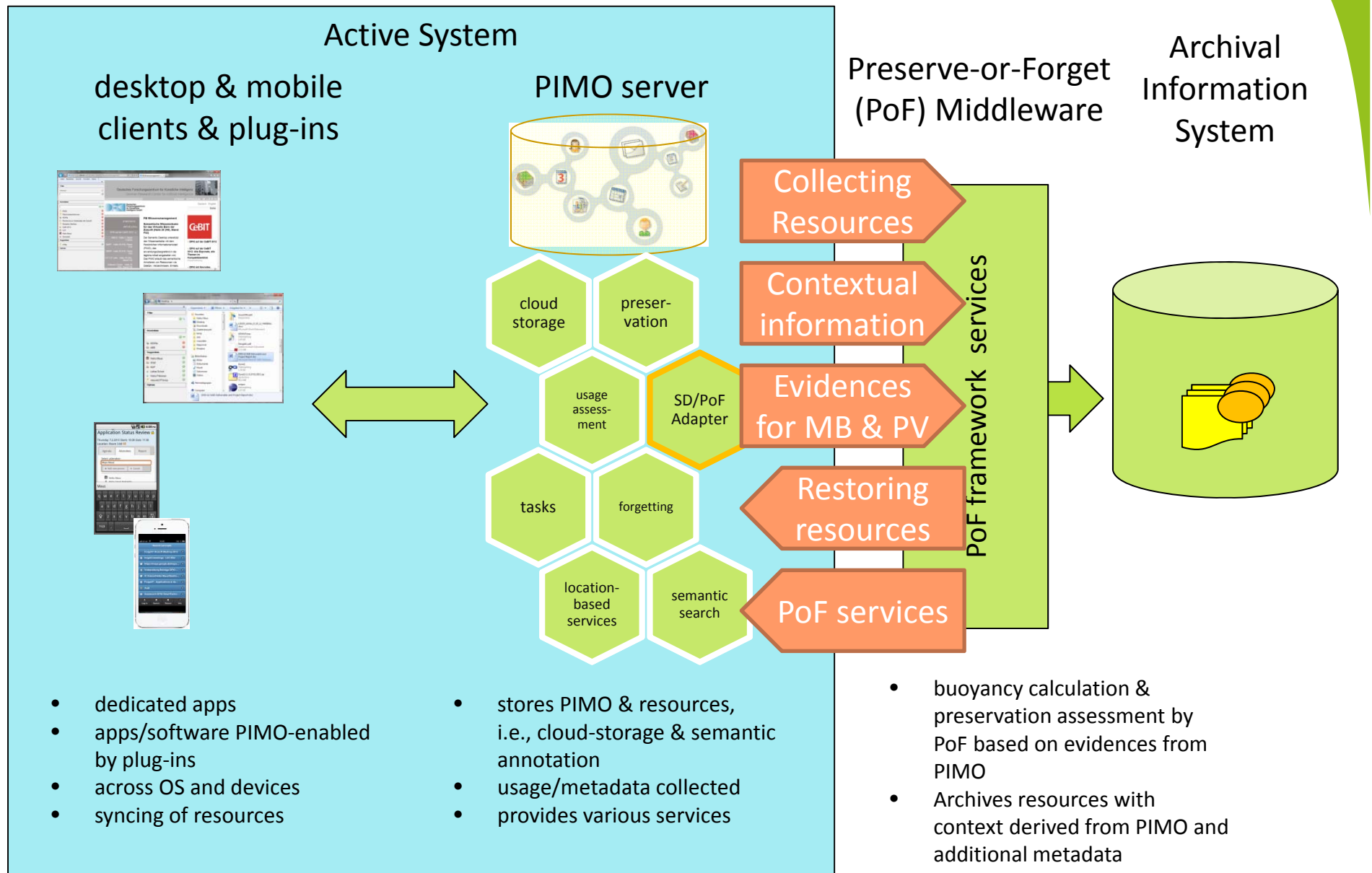




Role of the Semantic Desktop in the Preserve-or-Forget Framework



Semantic Desktop in the PoF architecture





Role of the Semantic Desktop components



recency

immediate

up to medium-term

medium-term

long-term

mobile

desktop

PIMO server

archive

User expectation

- Immediate relevant material is available
- Recency in model as well as important concepts (hotness function)
- Only most recent versions of resources required
- Constant swapping/refreshing (in WLAN) to keep recency is OK

- Quick availability of recent & work related material
- Broader range of resources: work relevant are available on immediate access (e.g., think of offline requirements); outdated ones are available on request
- Clutter of not-relevant stuff is gone, i.e., details can be removed from desktop
- “relieve the burden to see everything”

- Provides access to all material
- Condense and compact to get a sharper view
- Old versions of files can be deleted & moved to backup/archive
- Semantic associations allow to remember & access archived material
- Users are able to “pull on strings” to get the information back; like reconstructing a certain event by starting with the impressive building it was located.

- All versions are available upon request
- However, over years, detailed material would be condensed, i.e., keep the deliverable but not the versions of the file, not necessary any more (e.g., after 1 year)

Analogy to human memory

working memory & short-term memory

working memory to medium-term memory

working memory & long-term memory,

long-term memory and life-time storage

currently activated episodic and semantic memory

episodic and semantic memory





Preservation





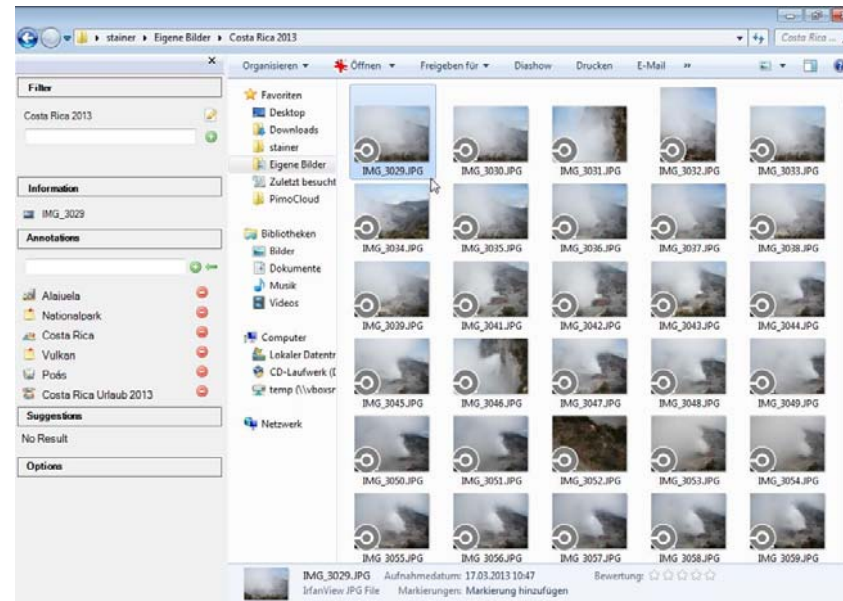
Preservation: Accessing User Files



ForgetIT



- ◆ SemanticFileExplorer (SFE) embedded in Windows
 - Allows to annotate file with the PIMO
 - But they stay local on the device
- ◆ PIMOCLOUD
 - Cloud storage in the PIMO Server
 - Includes versioning, syncing, sharing of files wherever they are on the devices
- ◆ Enables Preservation on PIMO Server
 - Files in the cloud are accessible
 - BUT: user's local files are not if they are not explicitly uploaded or located in a sync-to-PIMOCLOUD folder
- ◆ Solution to preserve all relevant user files
 - SFE & PIMOCLOUD allow to preserve a locally stored user file
 - If the server requests preservation of an file under PIMO control (either annotated or in a cloud sync folder)
 - The file is uploaded for preservation
 - *If preservation policies will allow to preserve files under PIMO control and not in the PIMO cloud*

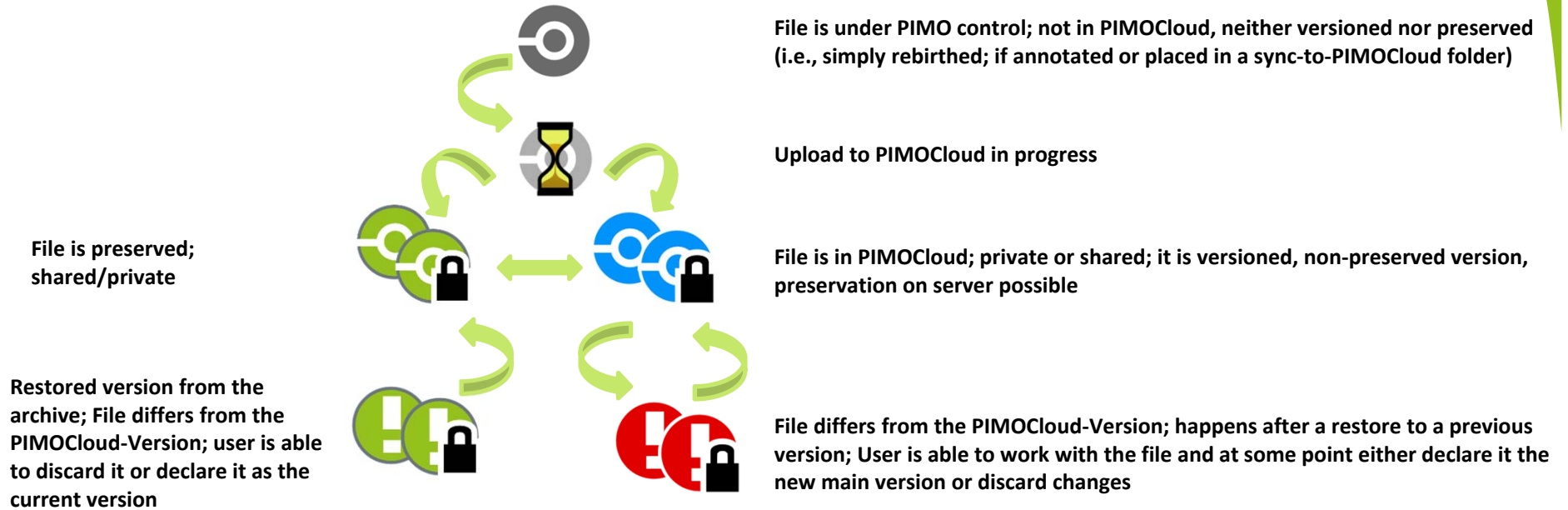


**Costa Rica photos on Stainer's computer
(only annotated not in the cloud nor preserved)**





PIMOCLOUD: File icon overlays show status



File is under PIMO control; not in PIMOCLOUD, neither versioned nor preserved (i.e., simply rebirthed; if annotated or placed in a sync-to-PIMOCLOUD folder)

Upload to PIMOCLOUD in progress

File is preserved; shared/private

File is in PIMOCLOUD; private or shared; it is versioned, non-preserved version, preservation on server possible

Restored version from the archive; File differs from the PIMOCLOUD-Version; user is able to discard it or declare it as the current version

File differs from the PIMOCLOUD-Version; happens after a restore to a previous version; User is able to work with the file and at some point either declare it the new main version or discard changes



Image is in PIMOCLOUD; private; it is versioned, preservation on server possible

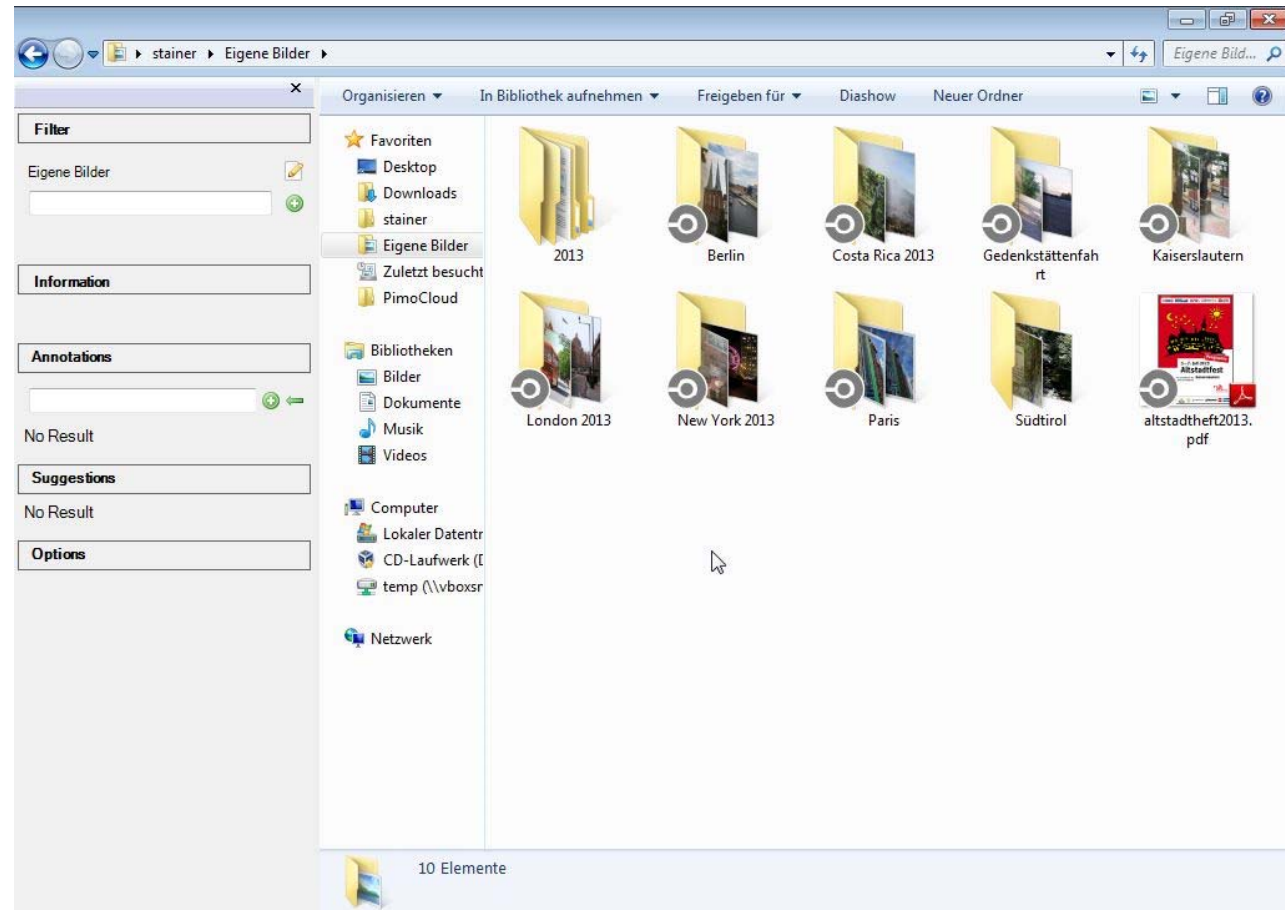




Preservation with PIMOCLOUD



- ◆ First: SemanticFileExplorer



SemanticFileExplorer as sidebar and extension in Windows Explorer

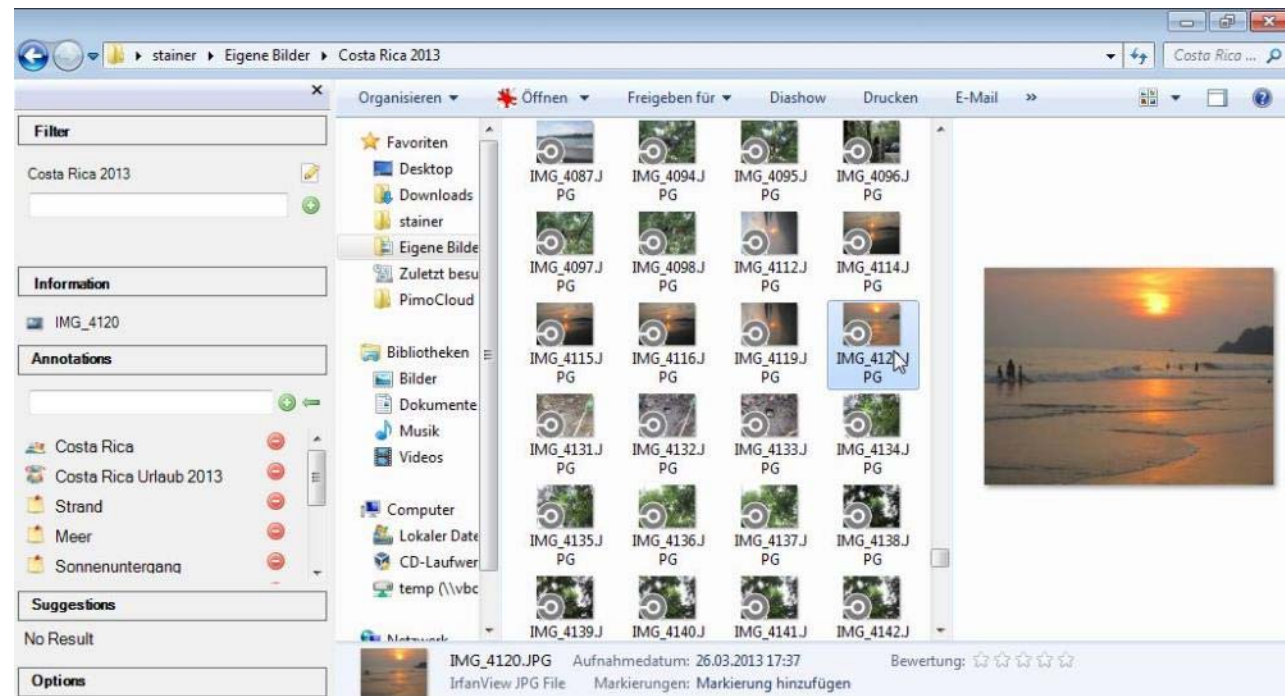




Preservation with PIMOCLOUD



- ◆ Example: Costa Rica Journey: manual preservation of a photo



File is annotated but resides only on the local computer

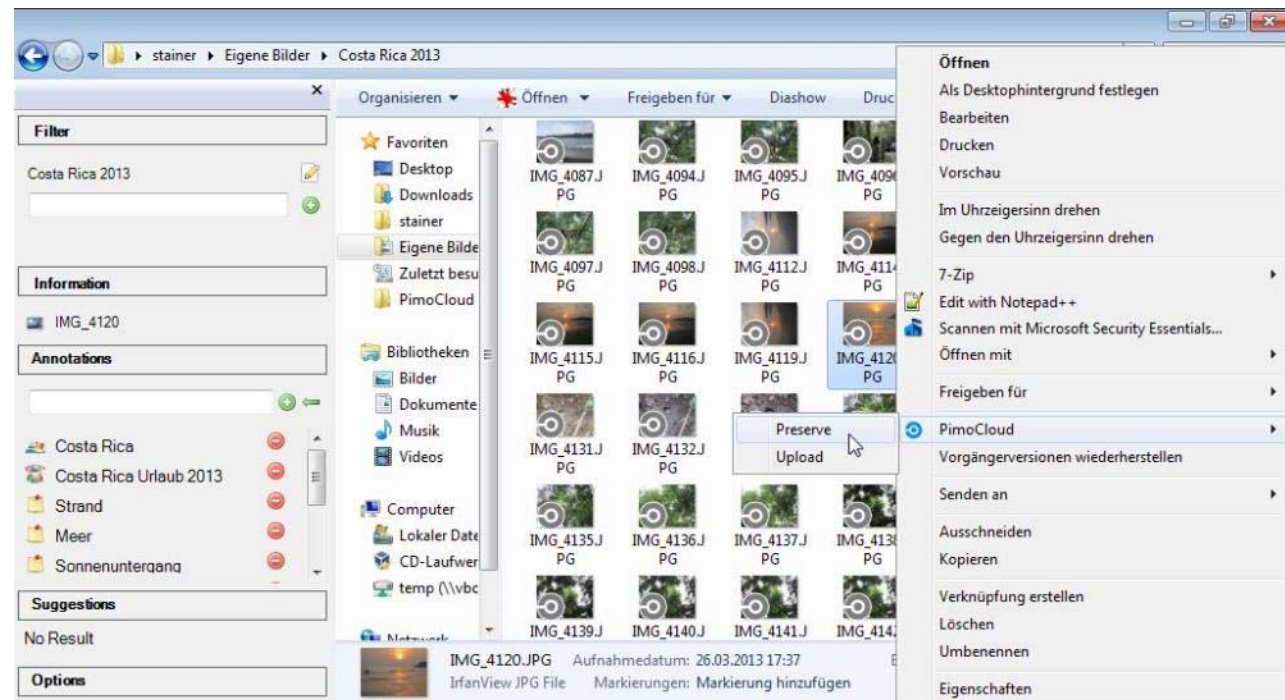




Preservation with PIMOCloud



- ◆ This preservation can be triggered by the user explicitly
- ◆ However, the SemanticFileExplorer & PIMOCloud enable to preserve annotated files on request by the server
- ◆ If preservation value (PV) indicates this and preservation policy allows to preserve local files which are not in the cloud



Manual preservation of one file via context menu

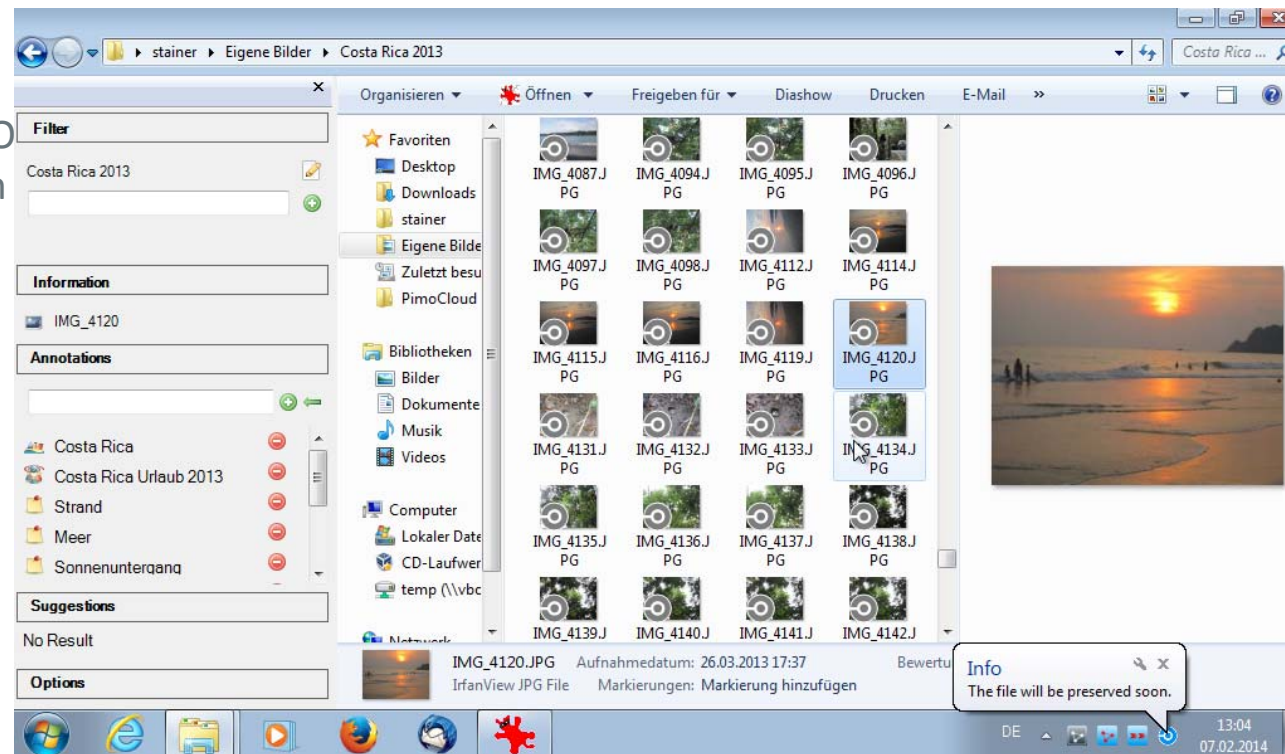




Preservation with PIMOCloud



- ◆ The file is handed over to the preservation process in the PoF framework
- ◆ Context from the PIMO such as the annotation of the file is added as metadata in the preservation process.

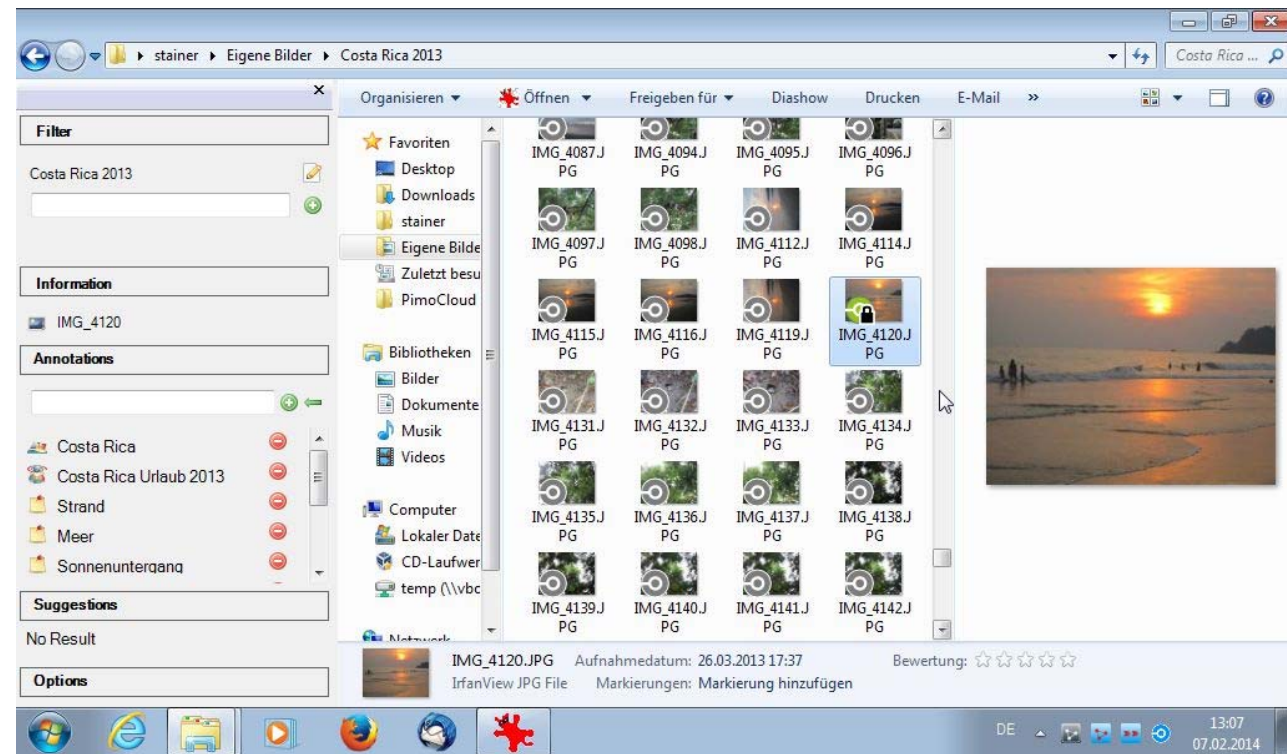


The preservation request is put in a queue and uploaded if possible.





Preservation with PIMOCLOUD

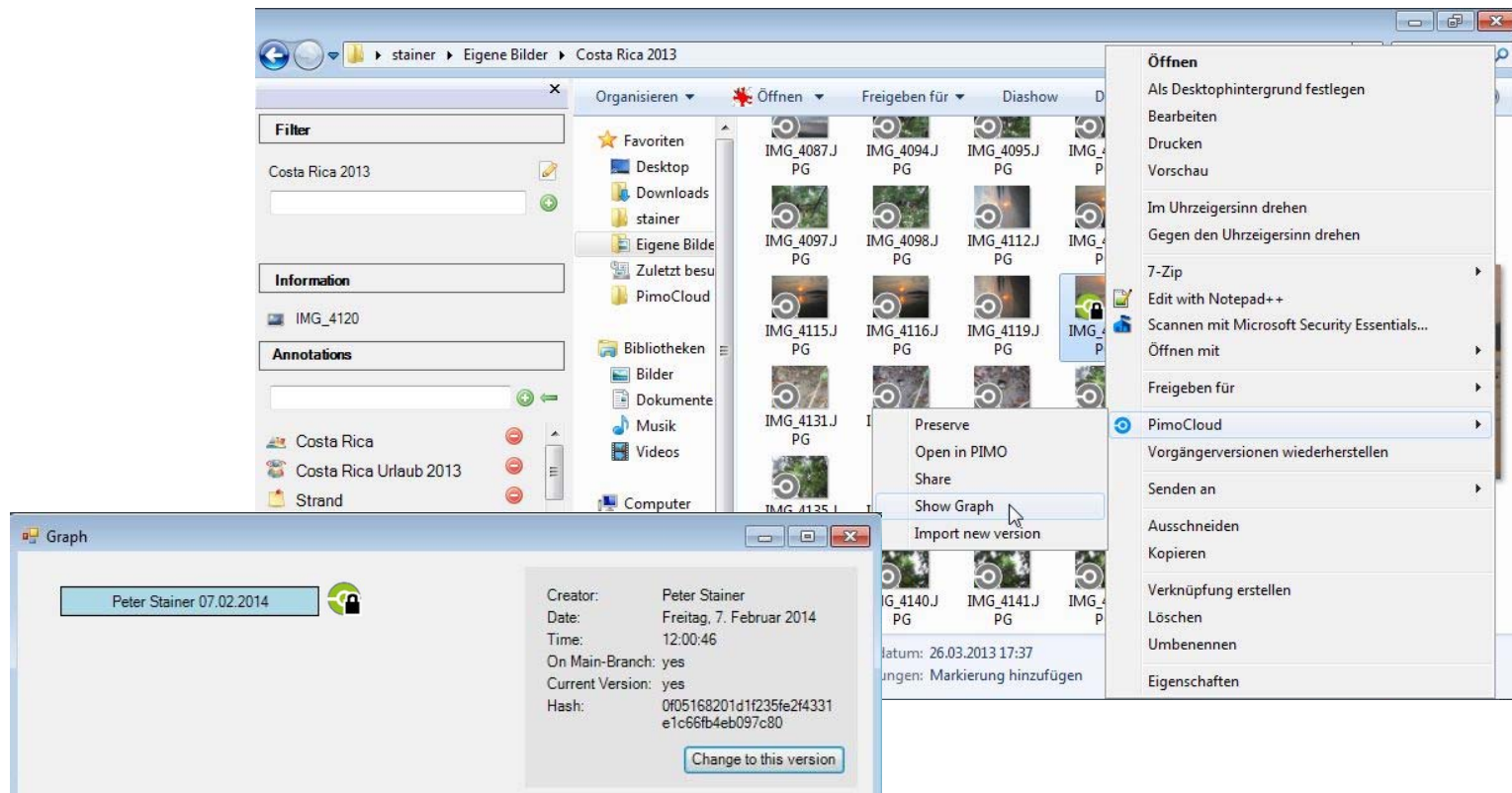


Green ForgetIT-icon shows this very file is preserved





Preservation with PIMOCloud



Version information

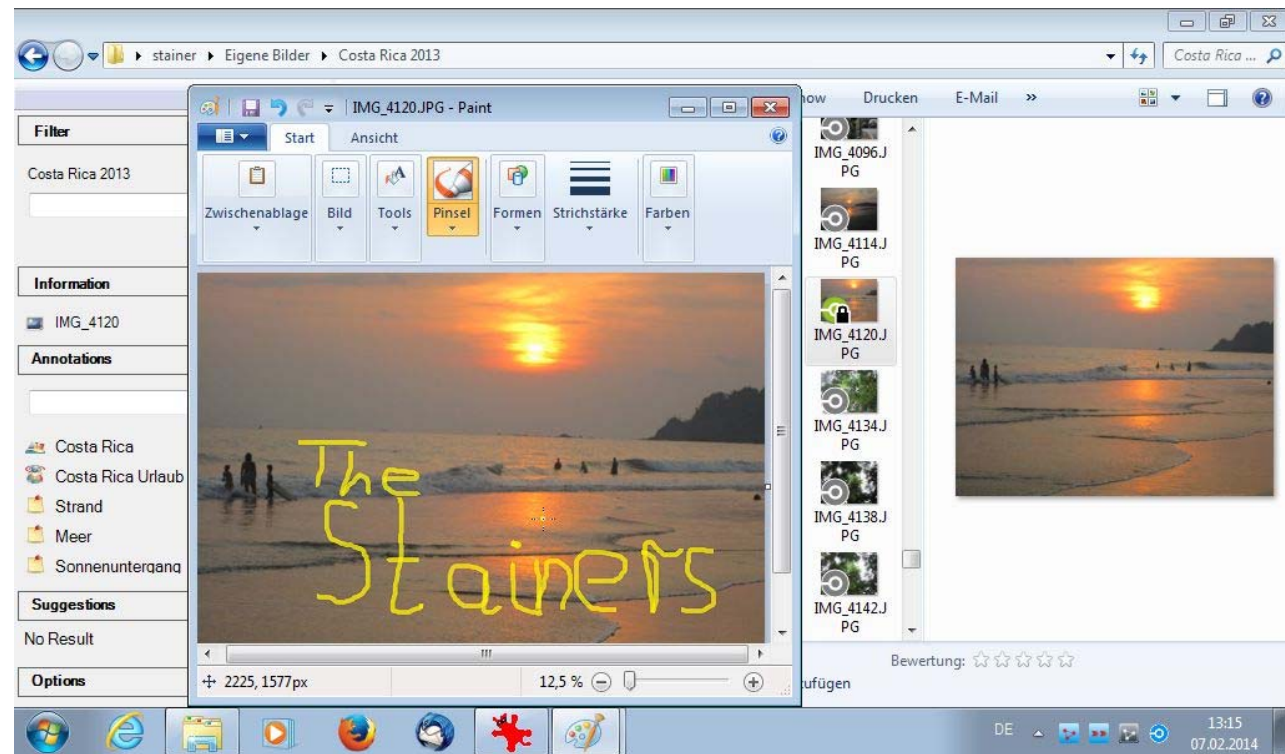




Preservation with PIMOCLOUD



- ◆ Now Peter manipulates the local file



**Changing the file causes a change in the version in the cloud
(but not automatically in the archive)**





Preservation with PIMOCloud



Graph

Peter Stainer 07.02.2014

Peter Stainer 07.02.2014

Creator: Peter Stainer
Date: Freitag, 7. Februar 2014
Time: 12:12:07
On Main-Branch: yes
Current Version: yes
Hash: fb8572124ce1a8995dbad614c49360b6e682a812

Change to this version

Graph

Peter Stainer 07.02.2014

Peter Stainer 07.02.2014

Creator: Peter Stainer
Date: Freitag, 7. Februar 2014
Time: 12:12:07
On Main-Branch: yes
Current Version: no
Hash: 0f05168201d1f235fe2f4331e1c66fb4eb097c80

Change to this version

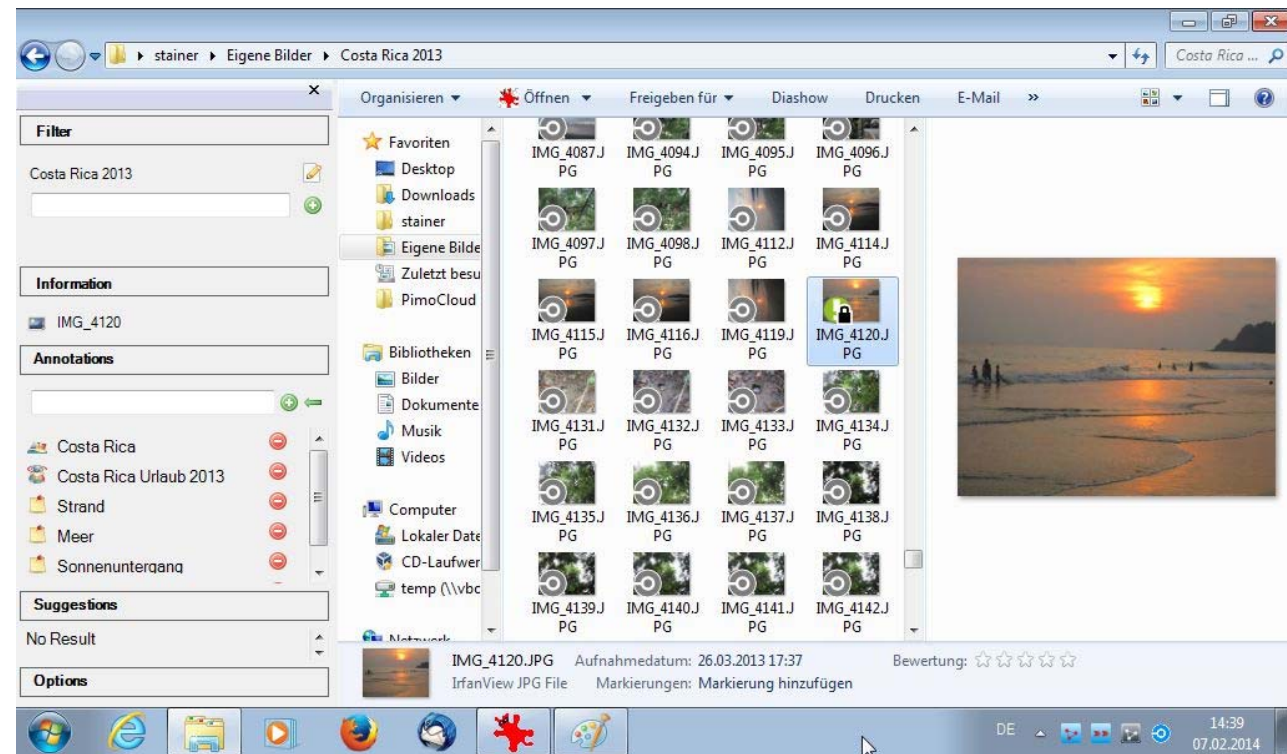
Inspect version graph

Restore archived version





Preservation with PIMOCLOUD



Green ForgetIT icon which exclamation mark shows: this is the restored file which differs from the newest version in the cloud storage

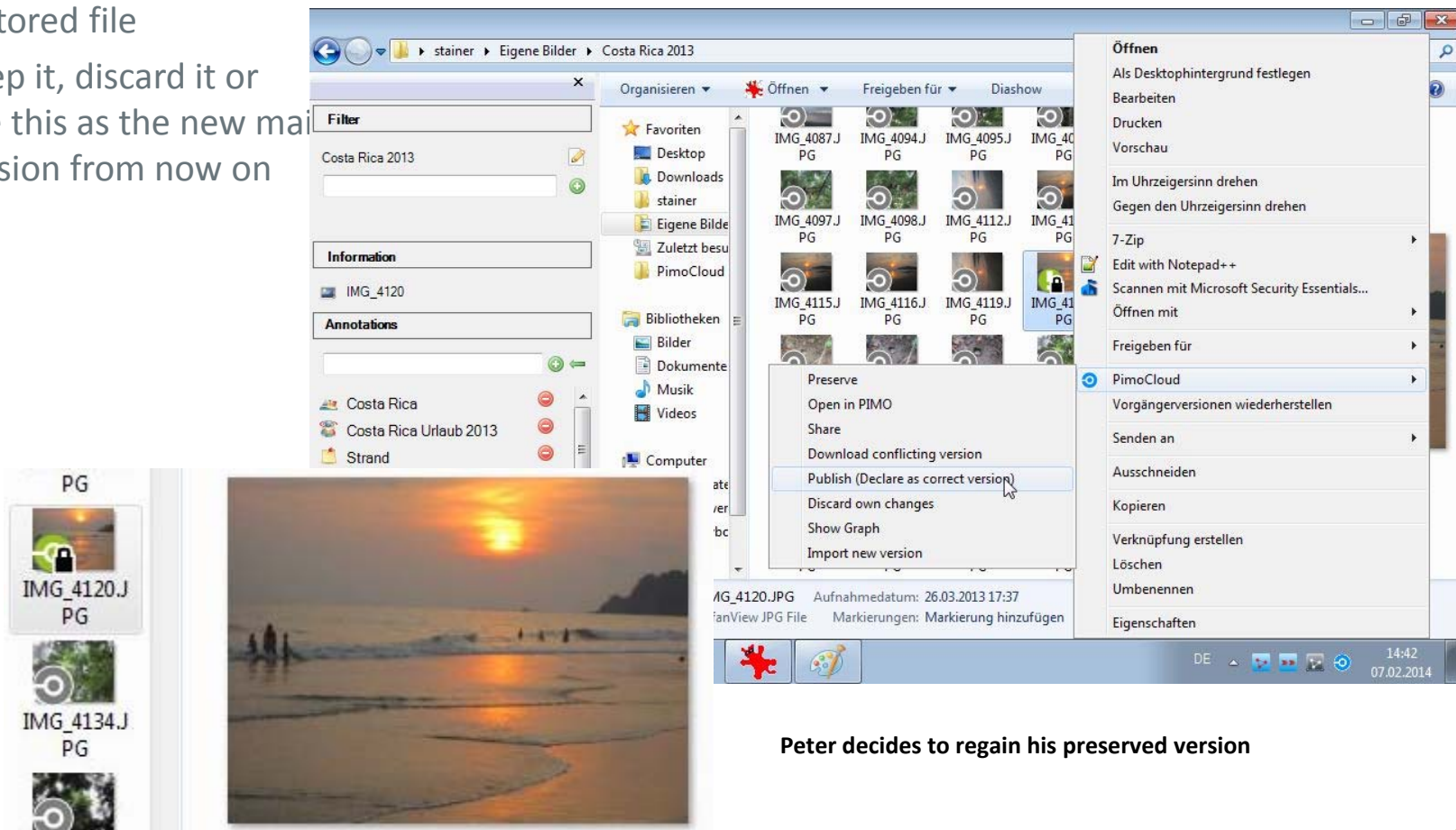




Preservation with PIMOCloud



- ◆ Users can declare how to proceed with the restored file
- ◆ Keep it, discard it or use this as the new main version from now on



Peter decides to regain his preserved version





Forgetting

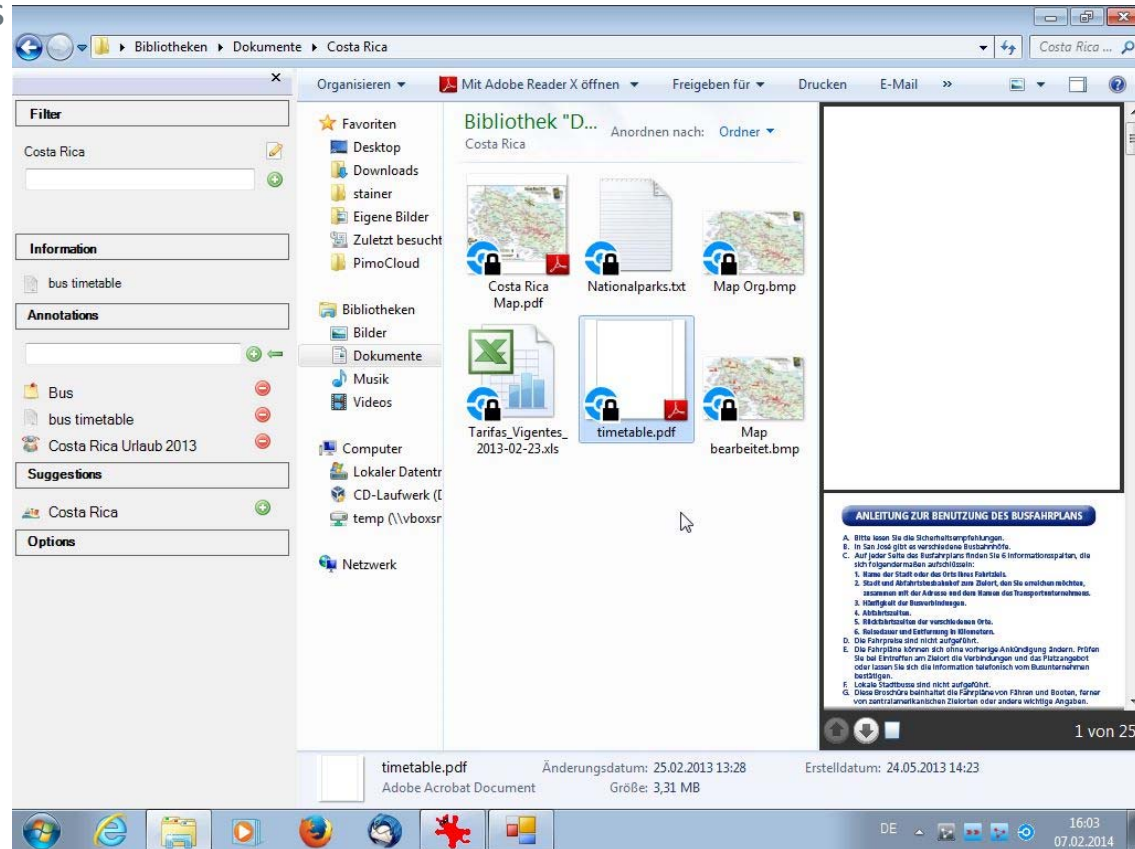




Forgetting with PIMOCLOUD

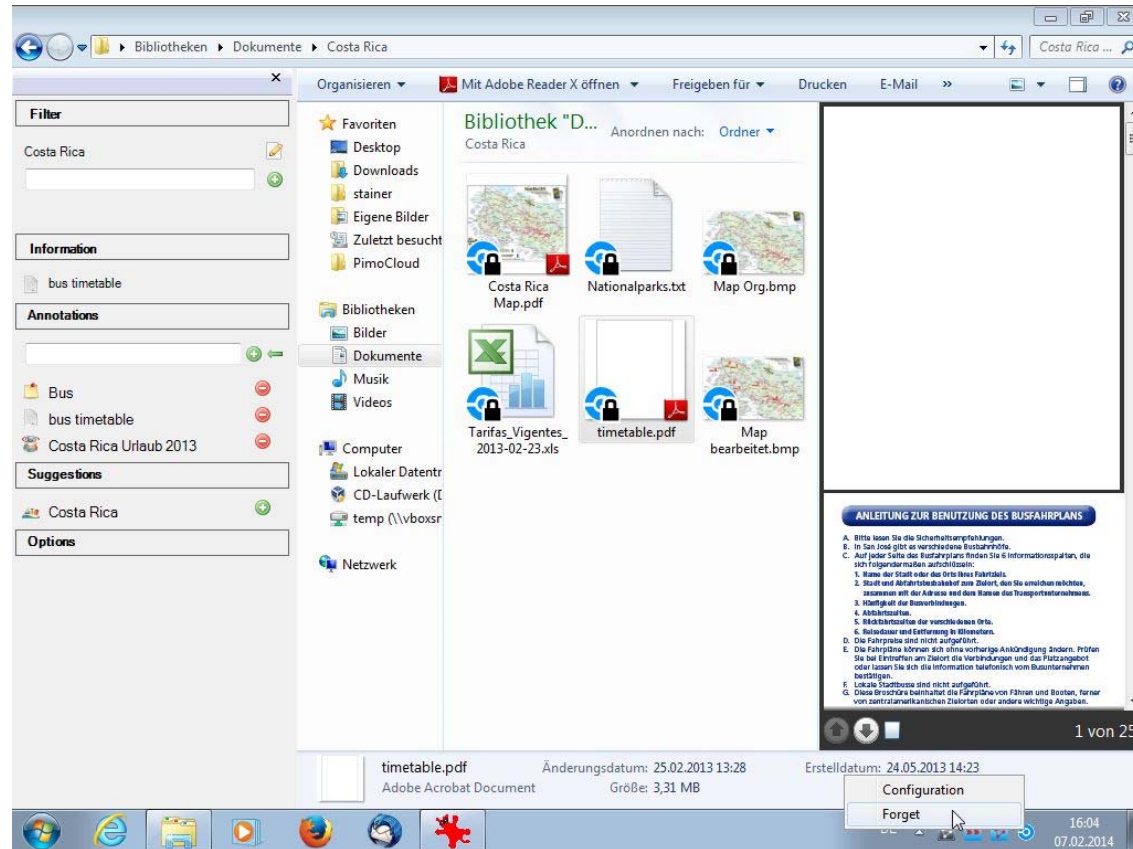


- ◆ Example: some collected files of the Stainer's Costa Rica Journey drop in memory buoyancy
 - Timetable and fares of buses
 - Only required during the travel
 - Other files such as maps were accessed after the travel
- ◆ Now the system informs the user of an upcoming forgetting act
 - This example shows an explicit request to show new file to be forgotten and a confirmation dialog
 - This is also possible to show up on certain time intervals





Forgetting with PIMOCLOUD

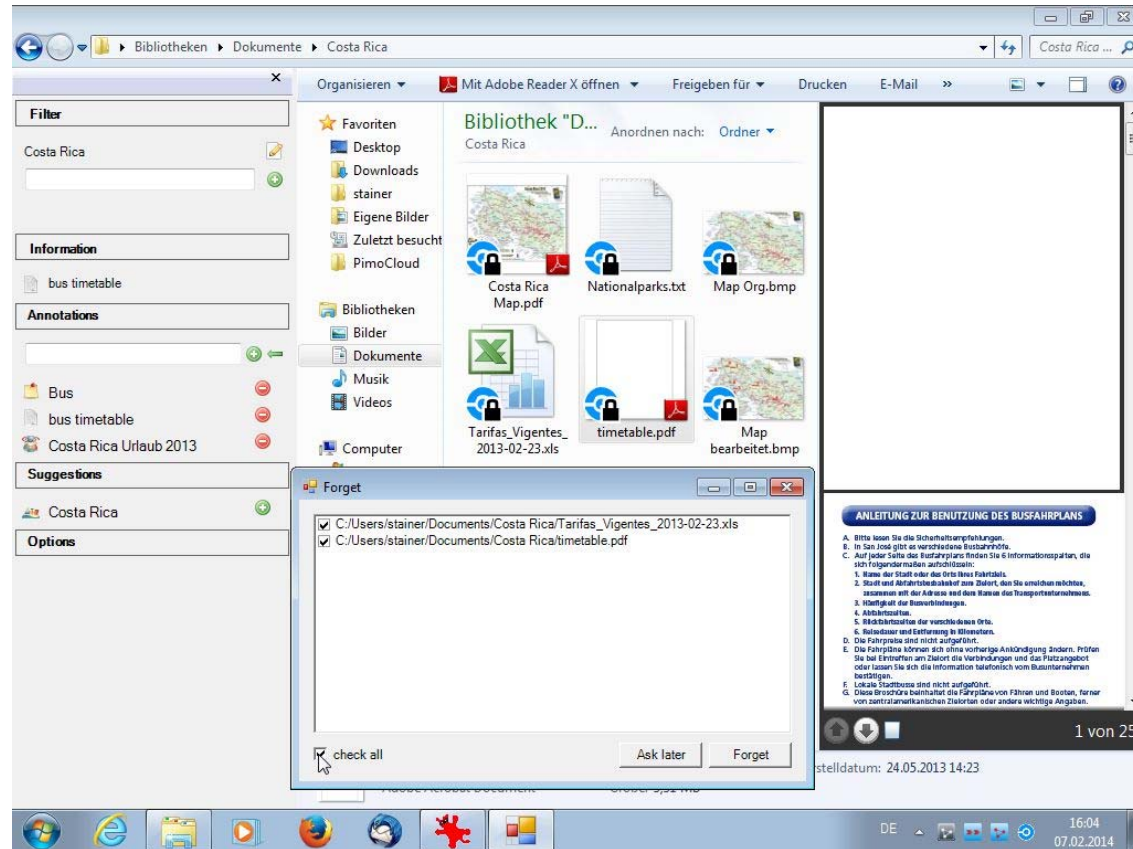


Show files to be forgotten (and trigger the forgetting process on the computer)





Forgetting with PIMOCLOUD

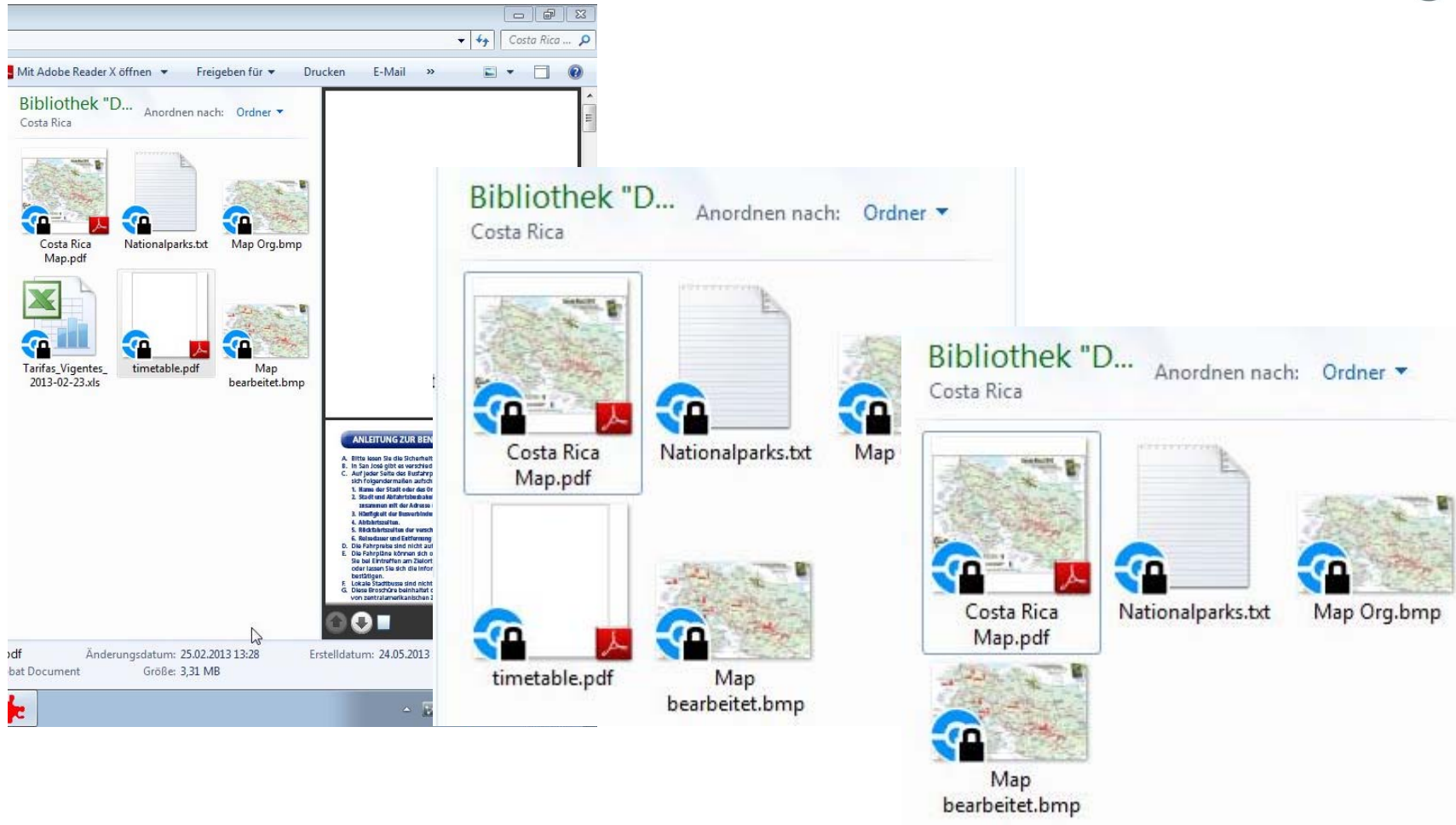


Accept all to be removed from the computer





Forgetting with PIMOCLOUD



The files timetable.pdf and Tarifas_...xls get removed from the computer



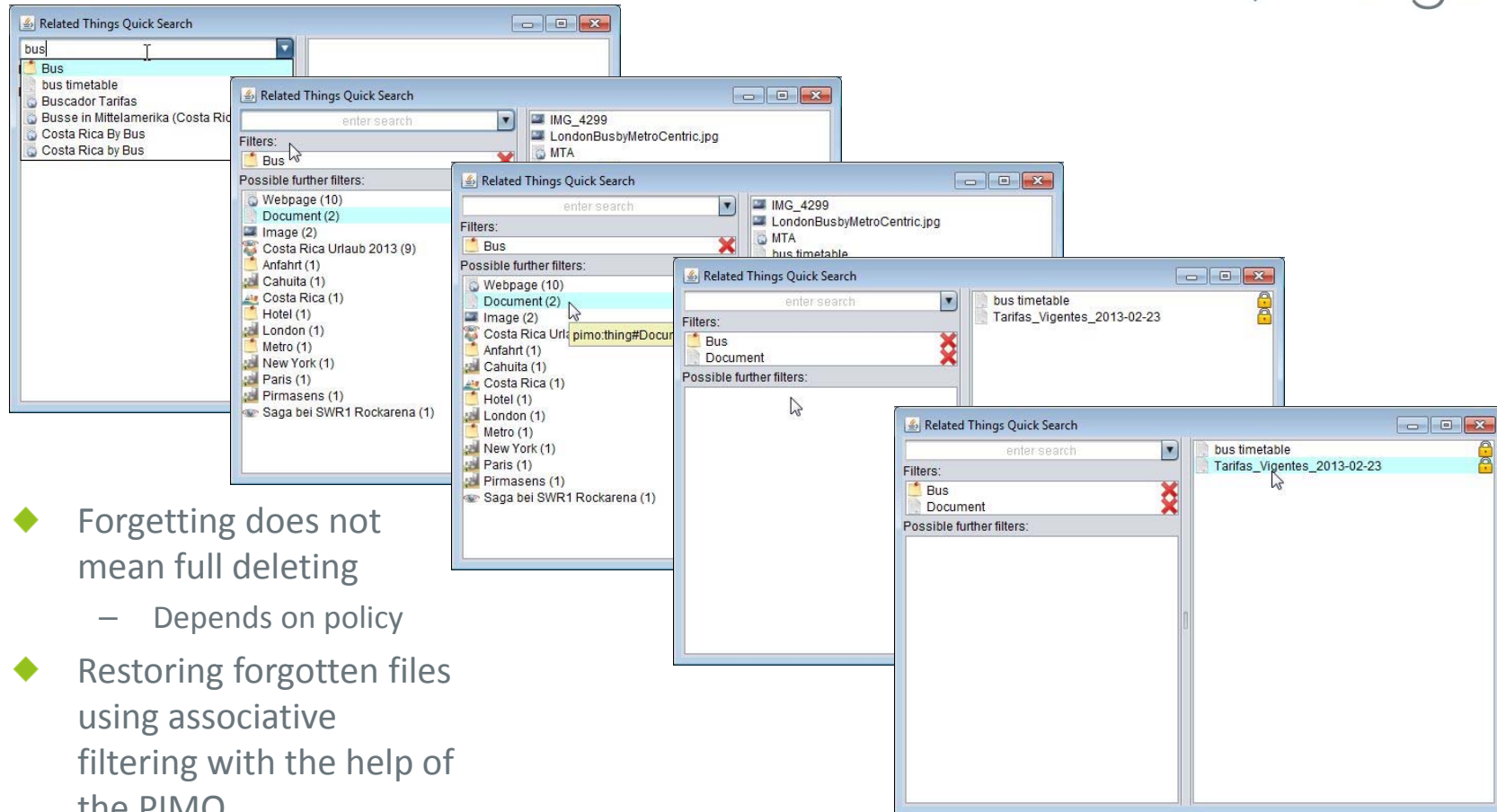


Restoring from the archive





Restoring forgotten files with PIMOCLOUD



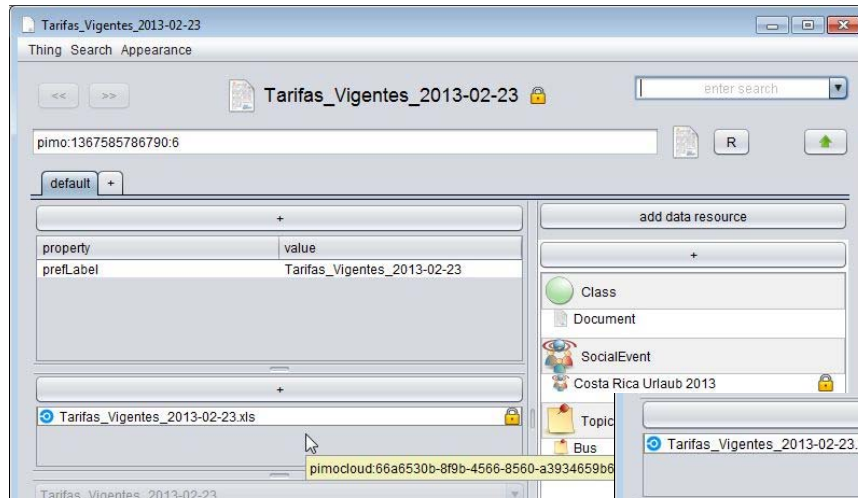
- ◆ Forgetting does not mean full deleting
 - Depends on policy
- ◆ Restoring forgotten files using associative filtering with the help of the PIMO

The file is found now access it....

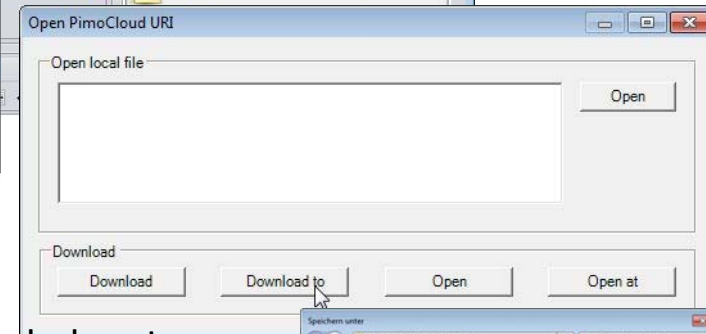
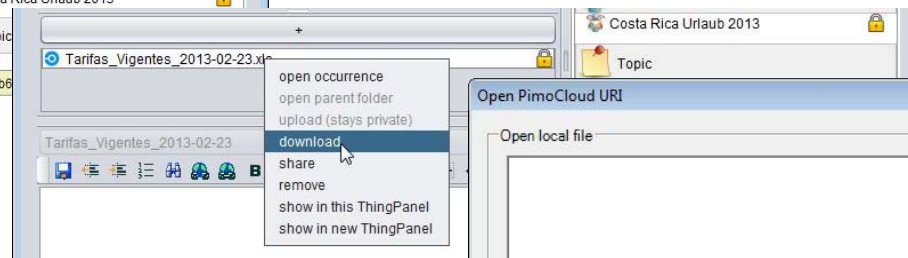




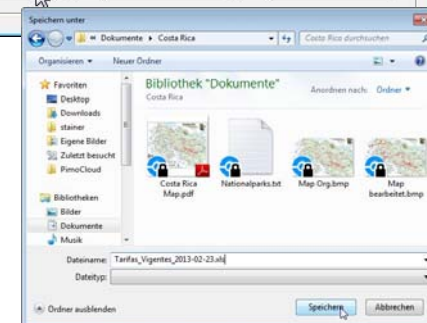
Restoring forgotten files with PIMOCloud



The thing "Tarifas..": File is in the cloud but no local version (this technically looking interface will be replaced by a HTML5 GUI)



Various possibilities to download, e.g., to different places or just to open it





Restoring forgotten files with PIMOCLOUD



The image shows two windows side-by-side. The left window is a file explorer titled 'Bibliothek "D..." Costa Rica' with a sorting option 'Anordnen nach: Ordner'. It displays five files, each with a blue circular icon containing a padlock, indicating they were restored from a cloud service. The files are: 'Costa Rica Map.pdf' (map icon), 'Nationalparks.txt' (text document icon), 'Map Org.bmp' (map icon), 'Map bearbeitet.bmp' (map icon), and 'Tarifas_Vigentes_2013-02-23.xls' (Excel spreadsheet icon).

The right window is a spreadsheet application showing a fare schedule titled 'PLIEGO TARIFAS'. The spreadsheet has columns for 'Ruta' and 'Descri'. The data is as follows:

Ruta	Descri
	AREA METROPOLITANA DE SAN JOSE
01	SAN JOSE-B° MEXICO
	SAN JOSE-B° MEXICO
	SAN JOSE-B° MEXICO (ORSETAS)
	SAN JOSE-B° MEXICO
05-05 A	SAN JOSE-B° LA CRUZ Y RAMAL
	SAN JOSE-B° LA CRUZ-SEMINA

File is restored on the local computer





Forgetting in the PIMO GUI

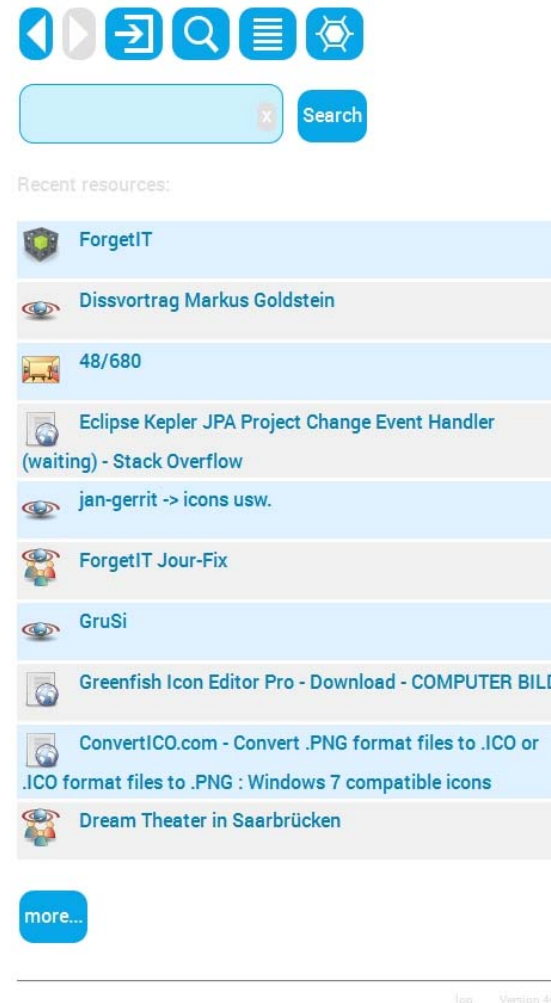




Forgetting: Using Memory Buoyancy in the GUI to hide things to be forgotten



- ◆ GUI based on HTML5 for accessing the PIMO
 - Future GUI for PIMO
 - Modular to extend
 - Caching for offline access
 - Same interface for mobile and desktop possible (reduction of cognitive complexity for understanding the GUI)
- ◆ Services:
 - Working with PIMO
 - Searching & Browsing
 - Recent things
 - Accessing resources
 - Activity feed of others
 - (Ontology browsing)
- ◆ PIMO already extended with value for memory buoyancy for each resource



Recent view on an individual's PIMO from the DFKI PIMO instance.



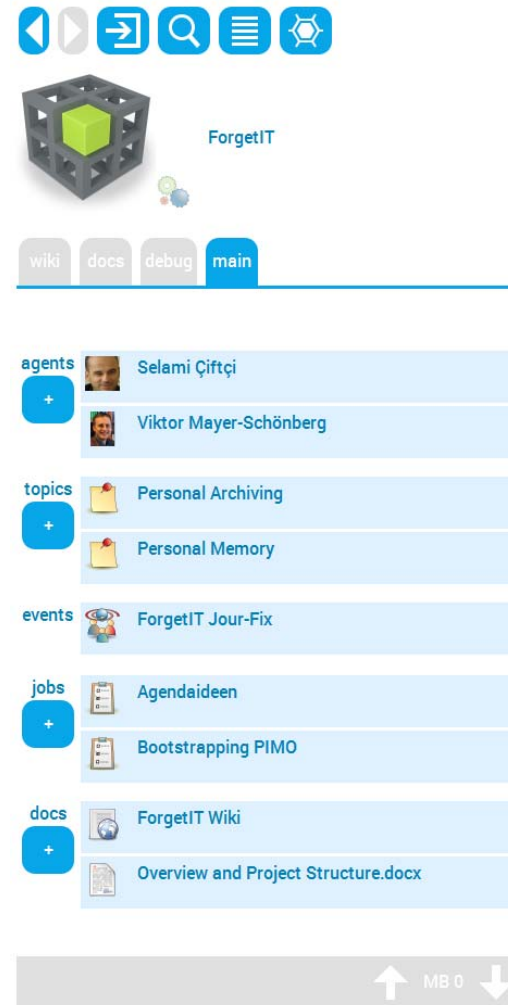


Forgetting: Using Memory Buoyancy in the GUI



- ◆ As mock-up, GUI extended by using memory buoyancy to hide things
 - Example uses a simple computation based on recent access in a time interval
 - Incorporating WP3 MB computation will increase the accuracy

- ◆ Example: View on the Project ForgetIT



**View on ForgetIT with MB 0 (i.e., see everything)
Lower grey part allows to interact with this
threshold: lowering or raising the threshold.**



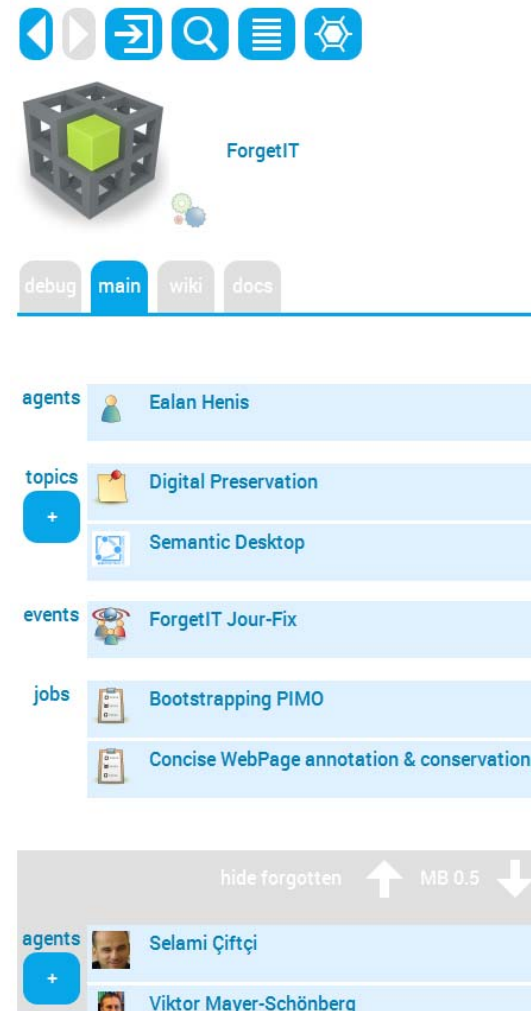


Forgetting: Using Memory Buoyancy in the GUI



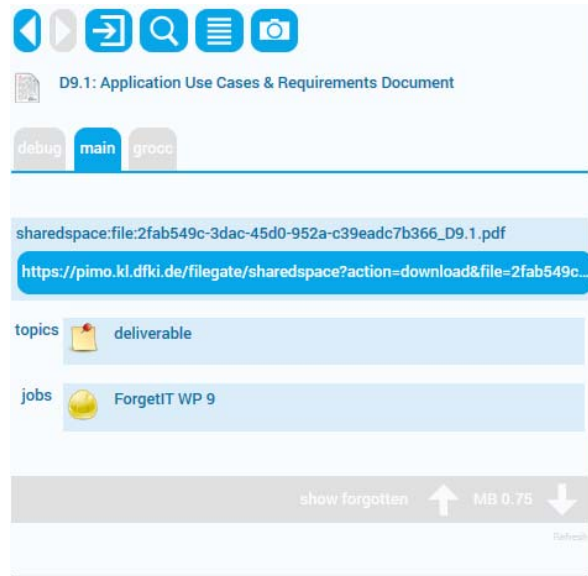
- ◆ Increasing the memory buoyancy (MB) threshold leads to hiding concepts with lower MB
 - We plan to go in steps, i.e., the users won't see real values.
- ◆ If anything is hidden, the grey part will indicate this (show/hide forgotten)
- ◆ Allows for accessing the PIMO with those things presumably most relevant in the user's mental model
 - i.e., prevents from being overwhelmed with irrelevant details accumulated over years/decades
 - However, retrieving forgotten things is still possible
 - The "show forgotten" indicator mimics the human's "I know there was something"-feeling and allows to access it
 - In future implementations, forgotten things won't be retrieved in the normal view which will reduce the transferred data, e.g., on mobile devices

View on ForgetIT with MB 0,5 (i.e., see less).



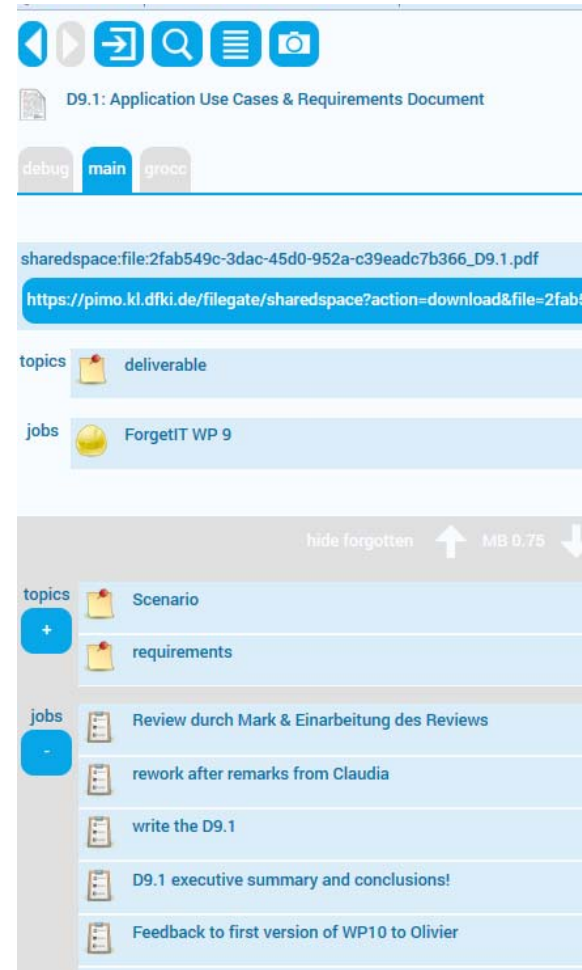


Forgetting: Using Memory Buoyancy in the GUI



Another example: View on D9.1 with MB 0,75. Things with higher MB such as the workpackage “ForgetIT WP 9” are visible (remember, the computation for the mock-up is not yet based on WP3)

Right figure: Hidden things are shown. Old tasks for writing the D9.1 are hidden. A further possibility here is either to rank according to MB or to go on iteratively and only show those up to MB 0,5.





PIMO Reminiscence



ForgetIT





PIMO Reminiscence - Photo Organization



- ◆ Challenge: How to motivate people to provide more information on their photos?
 - Relevancy of photos
 - Context information on life situations
 - PIMO bootstrapping
- ◆ Provide better experience!
 - Life situations provide a nice specific view on a life situation such as marriage, birth, graduation, travel, etc.
 - Support in identifying important & redundant photos by PoF services such as quality assessment
- ◆ Derive evidences for preservation value

PIMO Reminiscence
Photo Collection



Name
Password

Login

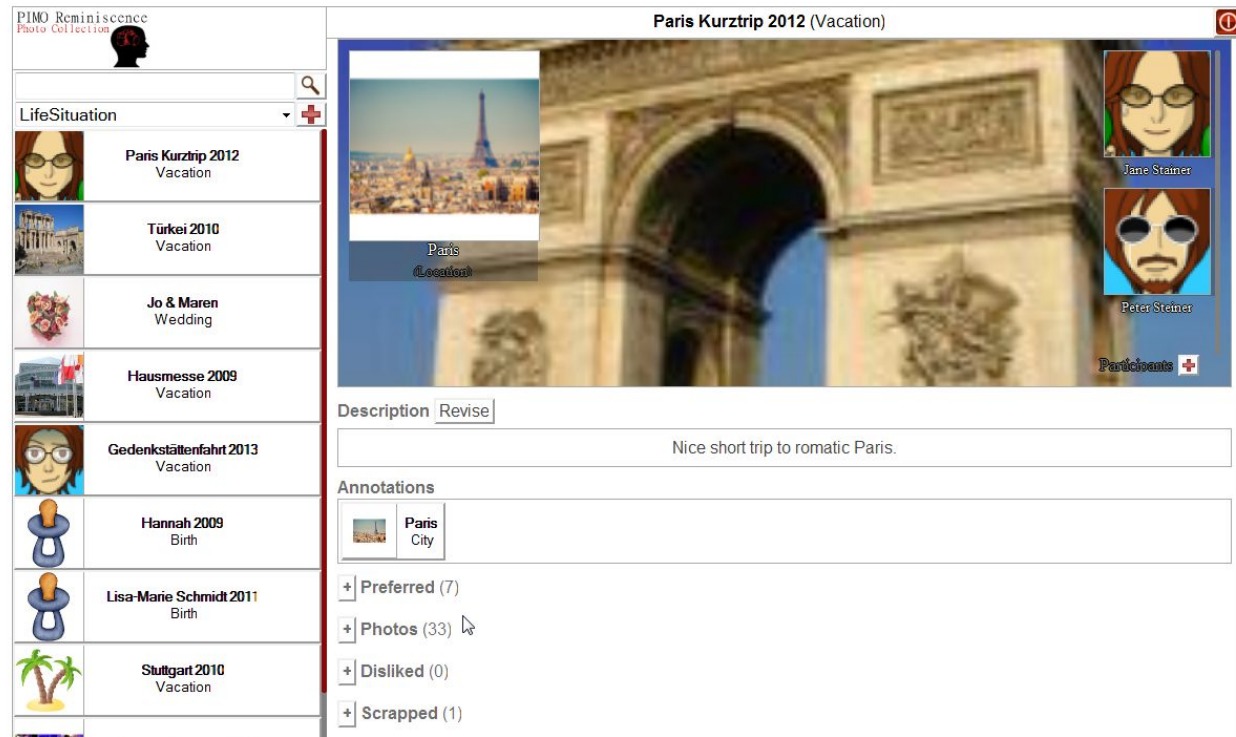




PIMORE: PIMO-based Photo Organization



- ◆ Desktop client
 - HTML5-based GUI
 - With TideSDK executables for Windows & Mac
- ◆ Photo Organization app uses PIMO
 - and soon PIMOCLOUD



Overview on recently accessed life situations and one vacation in the overview





PIMORE: Creating a life situation

Add Life Situation: Folder > Type > Label

PIMO Reminiscence Photo Collection

2013
Altstadtfest
Berlin
Costa Rica 2013
Gedenkstättenfahrt
Kaiserslautern
London 2013
New York 2013
Paris

C:\Users\stai...
Choose a folder with pictures that belong to

Add Life Situation: Folder > Type > Label

PIMO Reminiscence Photo Collection

Gedenkstättenfahrt
Kaiserslautern
London 2013
New York 2013
Paris
Pictures
Pirmasens
Südtirol
Visit Edinburgh 2013

C:\Users\stainer\Pictures\
Choose a folder with pictures that belong to the life situation you are go

Add Life Situation: Folder > Type > Label

PIMO Reminiscence Photo Collection

Birth
Vacation
Wedding

Add Life Situation: Folder > Type > Label

PIMO Reminiscence Photo Collection

Vacation

Choose type of the life situatio

Add Life Situation: Folder > Type > Label

PIMO Reminiscence Photo Collection

Name

Type in the life situations name.

More life situations will follow

Creating LifeSituation Progress: 86.13 %

Choosing a folder with files and creating life situation





PIMORE: PIMO-based Photo Organization



- ◆ A life situation is like a photo album allowing to design this special event with photos
- ◆ And telling a bit more or location, participants and roles
 - E.g., child, bride, groom, etc.
- ◆ Results in an attractive “cover page” for the life situations
- ◆ Gives us evidences

The screenshot shows the PIMO Reminiscence Photo Collection interface. On the left is a sidebar with a search bar and a 'LifeSituation' dropdown menu. The menu items include: Südtirol 2013 Vacation (with a palm tree icon), Paris Kurztrip 2012 Vacation (with a woman's face icon), Türkei 2010 Vacation (with a classical building icon), Gedenkstättenfahrt 2013 Vacation (with a night cityscape icon), Jo & Maren Wedding (with a wedding cake icon), Hausmesse 2009 Vacation (with a building icon), Hannah 2009 Birth (with a baby icon), and Lisa-Manie Schmidt 2011 Birth (with a baby icon). The main content area is titled 'Südtirol 2013 (Vacation)' and features a large empty box for a cover image with a '(Location)' label below it. Below the cover image are sections for 'Description' (with a 'Revise' link), 'Annotations', and 'Photos (119)'. The 'Photos' section shows a row of small photo thumbnails, including one with a sign that reads 'Penserjoch Passo Pennes 2211 m'. A 'Participants' section is also visible at the bottom right of the main area.

First the life situation cover page is empty. Automated services could already provide input such as location geo-location), persons (face detection), ...

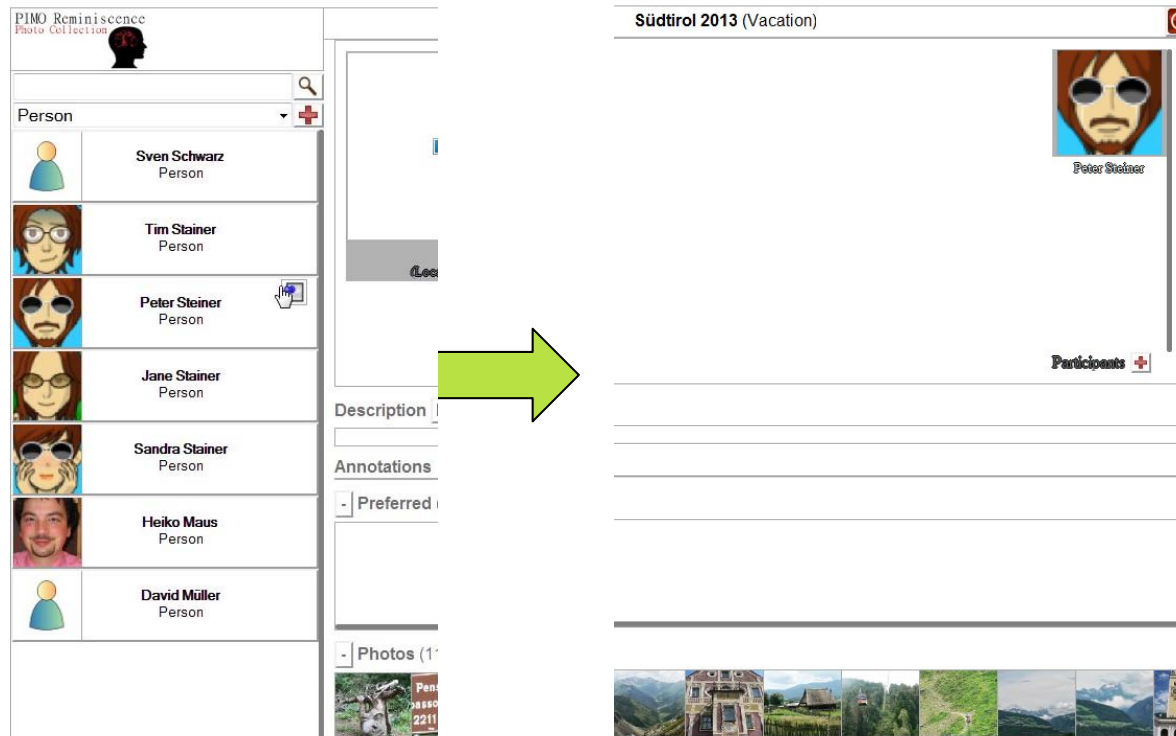




PIMORE: PIMO-based Photo Organization



- ◆ Adding details such as persons or location.



Adding participants using the PIMO.





PIMORE: PIMO-based Photo Organization



- ◆ Selecting nice photo for background

The screenshot displays the PIMO Reminiscence Photo Collection interface. The main area shows a large scenic photo of a lake in Südtirol. The left sidebar lists various photo collections. The right sidebar shows metadata for the selected photo, including a description field, annotations, and a gallery of 118 photos.

LifeSituation	Photo
Südtirol 2013 Vacation	[Scenic Lake Photo]
Paris Kurztrip 2012 Vacation	[Paris Photo]
Türkei 2010 Vacation	[Turkey Photo]
Gedenkstättenfahrt 2013 Vacation	[Gedenkstättenfahrt Photo]
Jo & Maren Wedding	[Wedding Photo]
Hausmesse 2009 Vacation	[Hausmesse Photo]
Hannah 2009 Birth	[Birth Photo]
Lisa-Marie Schmidt 2011 Birth	[Birth Photo]

Südtirol 2013 (Vacation)

Description [Revise](#)

Annotations

- Preferred (0)

- Photos (118)

+ Disliked (0)

+ Scrapped (0)

Adding scenery photos for the cover page





PIMORE: PIMO-based Photo Organization



The screenshot displays the PIMORE web interface. On the left is a sidebar with a 'LifeSituation' dropdown menu containing items like 'Südtirol 2013 Vacation', 'Paris Kurztrip 2012 Vacation', 'Türkei 2010 Vacation', 'Gedenkstättenfahrt 2013 Vacation', 'Jo & Maren Wedding', 'Hausmesse 2009 Vacation', 'Hannah 2009 Birth', and 'Lisa-Marie Schmidt 2011 Birth'. The main area shows a large photo of a lake in Südtirol. Below the photo are sections for 'Description', 'Annotations', 'Photos (118)', 'Disliked (0)', and 'Scrapped (0)'. A mouse cursor is visible over the 'Photos' section, indicating a drag-and-drop action.

Selecting favorite photos via Drag&Drop...





PIMORE: PIMO-based Photo Organization



- ◆ Different assignments of photo will lead to
- ◆ Different preservation value and memory buoyancy
- ◆ Condensation candidates of event
- ◆ Availability on devices

- ◆ Support by Quality assessment of WP4 and contextualization of WP6

PIMO Reminiscence Photo Collection

Südtirol 2013 (Vacation)

Südtirol (Location)

Description Revise

Annotations

- Preferred (6)

- Photos (111)

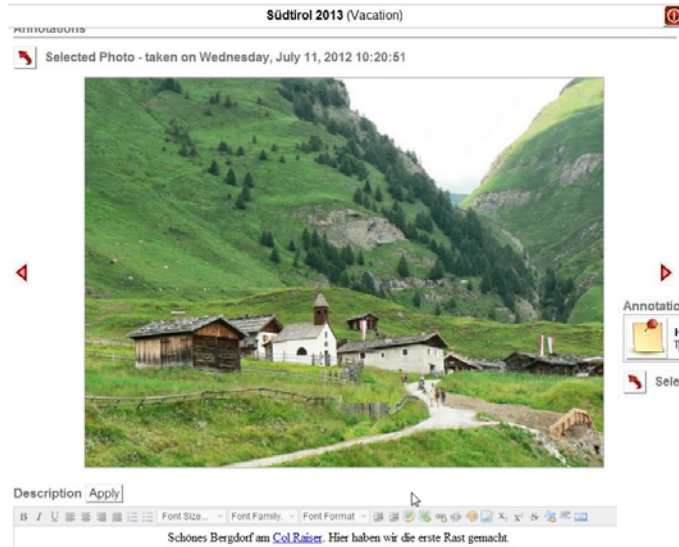
- Disliked (1)

Further, disliked photos (don't delete but don't show) and photos to delete (here called scrapped, not in the view)





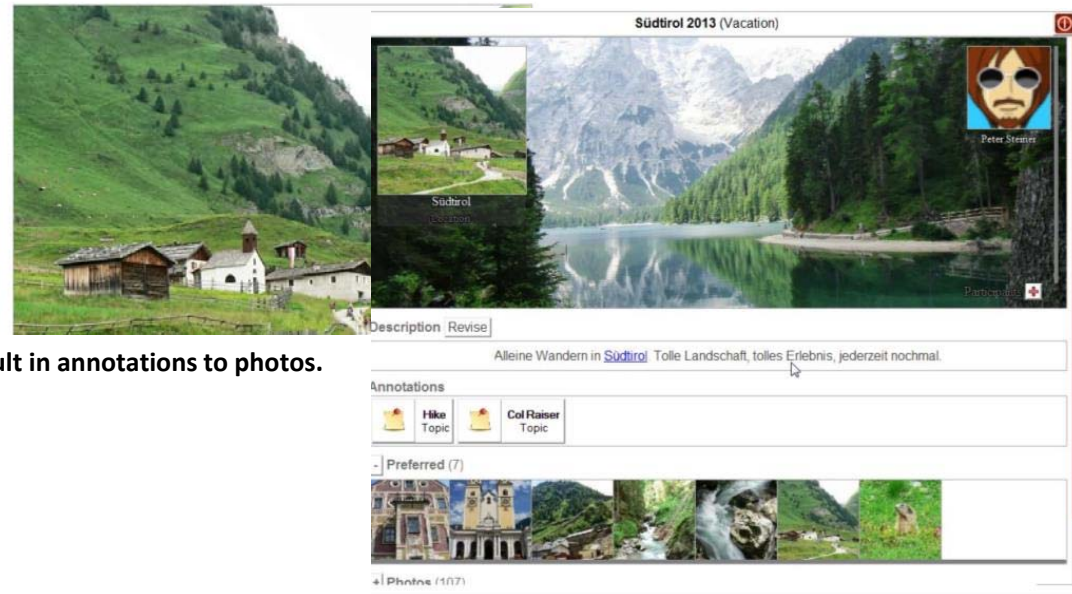
PIMORE: PIMO-based Photo Organization



Descriptions to photos. Entities are recognized...
(soon integration of seed from WP4)



Result in annotations to photos.



Annotations are propagated to event.





Using Services from PoF


Image Quality Assessment (WP4)

- ◆ Reducing effort to find the best quality photos
- ◆ Contributes to preservation value

Südtirol 2013 (Vacation)

Annotations

Selected Photo - taken on Wednesday, July 11, 2012 10:20:51



Quality Assessment

TotalQuality	0.186417
Noise	0.736131
Darkness	0.906521
Contrast	0.982914
Blur	0.128024





Quality Assessment from PoF

- ◆ Support in finding the best photo out of a series of shots
- ◆ Early indicators for preservation value and memory buoyancy
- ◆ Also a benefit for users for actually using PoF.

The screenshot displays the ForgetIT web interface. At the top, there is a logo and the text 'ForgetIT'. Below this are 'Home' and 'About' buttons. A section titled 'About the demo' explains the image analysis techniques. The main content area shows a grid of 'Recently preprocessed images' and a larger view of a selected image. Below the image, there are two 'Quality Assessment' panels. The first panel shows a bar chart for 'TotalQuality' (0.683786), 'Noise', 'Darkness', 'Contrast' (0.643337), and 'Blur' (0.914142). The second panel shows a bar chart for 'TotalQuality' (0.854283), 'Noise' (0.878041), 'Darkness' (0.871313), 'Contrast' (0.839910), and 'Blur' (0.930182).

Finding the best photo in the series of the Costa Rica volcano is a tedious task for users. This will be supported by PoF.





Searching support from PoF

- ◆ Searching support for photo collections even if no annotation is given

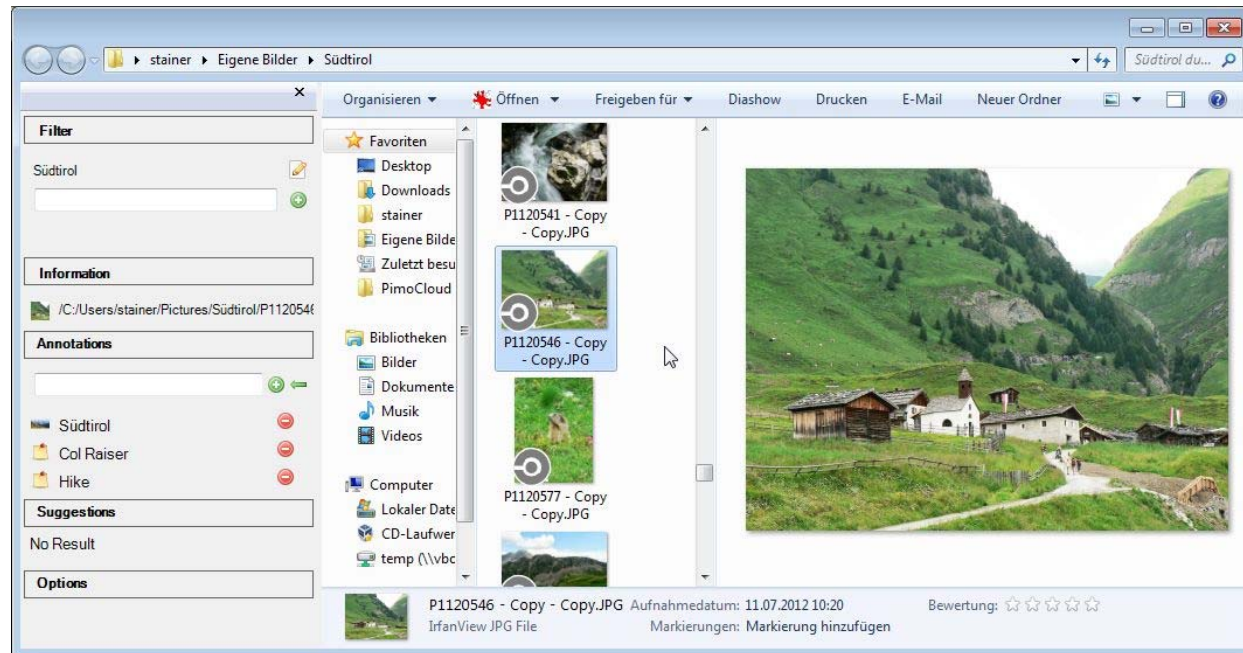




PIMORE: PIMO-based Photo Organization



- ◆ The use of the PIMO allows to see, manipulate, and access the data in the whole Semantic desktop infrastructure



The photo annotated in PIMORE keeps the annotations in the SemanticFileExplorer





PIMORE: PIMO-based Photo Organization



Südtirol 2013 (Vacation)

Südtirol 2013 (Vacation)

Description [Revise](#)

Alleine [Wandern](#) in [Südtirol](#). Tolle La

Annotations

- + Preferred (6)
- + Photos (107)
- + Disliked (3)
- + Scrapped (1)

Südtirol 2013 (Vacation)

Description [Revise](#)

Alleine [Wandern](#) in [Südtirol](#). Tolle Landschaft, tolles Erlebnis, jederzeit nochmal.

Annotations

- Waterfall Topic
- Pension Larcher Building
- Hike Topic
- Penser Joch Topic
- Adolf-Mukel Path Topic
- Sankt Gertraud Topic
- Trip Topic
- Mine Topic
- Gillenklamm Topic
- Col Raiser Topic
- Pragser Wildlake Topic
- Holiday apartment Topic
- Südtirol Location

- Preferred (6)

- Photos (107)

+ Disliked (3)

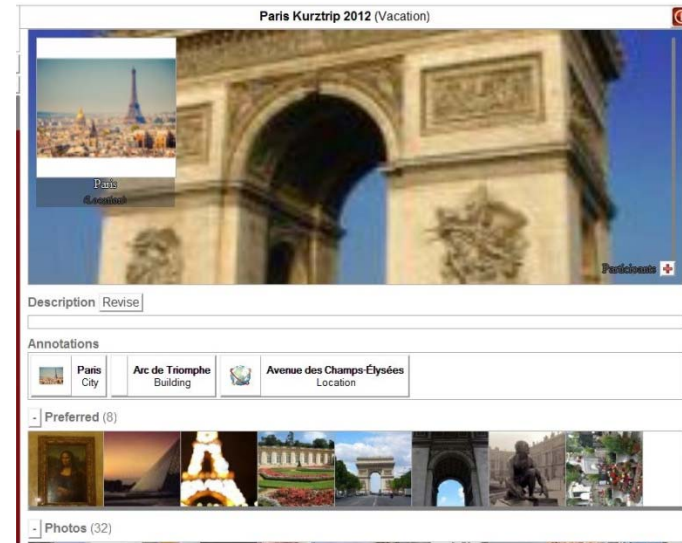
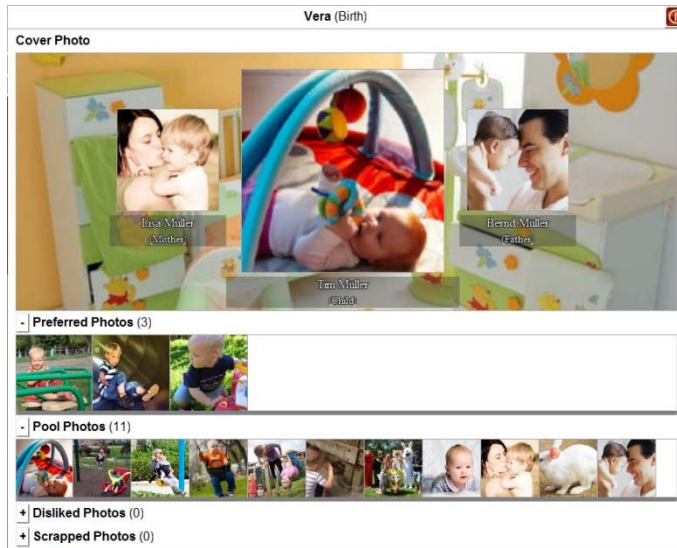
+ Scrapped (1)

Quick view on more details on request:
Starting from the condensed event, over favorites, to all photos ...





More examples for layouts





Personal Information Management with the PIMO

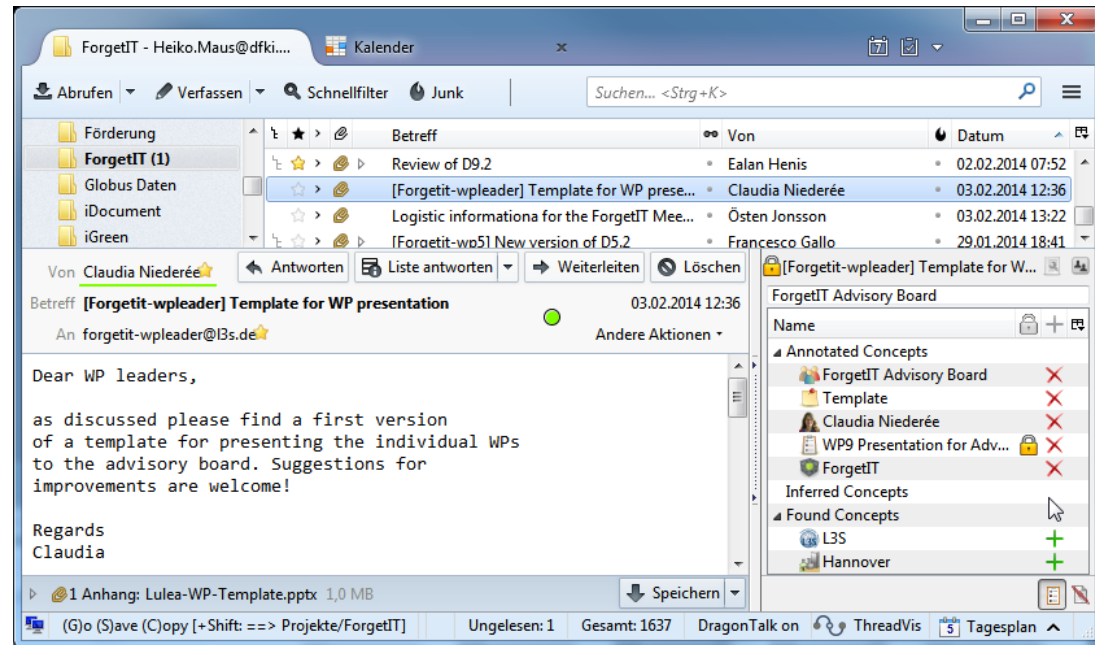




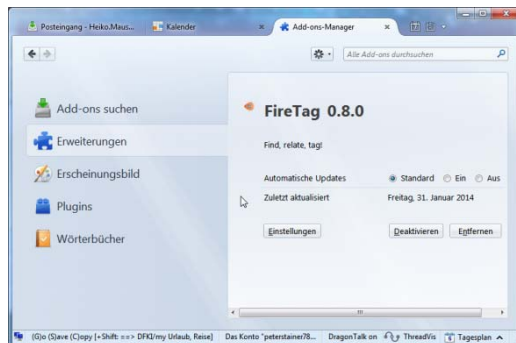
FireTag: Tagging E-Mail with PIMO



- ◆ Plugin for Mozilla Thunderbird using the PIMO API
- ◆ Proposes tags for emails based of extracted PIMO entities in the mail body
- ◆ Shows annotated tags
- ◆ Infers tags from the thread
- ◆ Allows to open emails directly from PIMO-enabled applications



FireTag: annotated E-Mail (with group, topic, person, task, project) and further proposed concepts organization and location.



FireTag as easy-to-install Add-on in Thunderbird

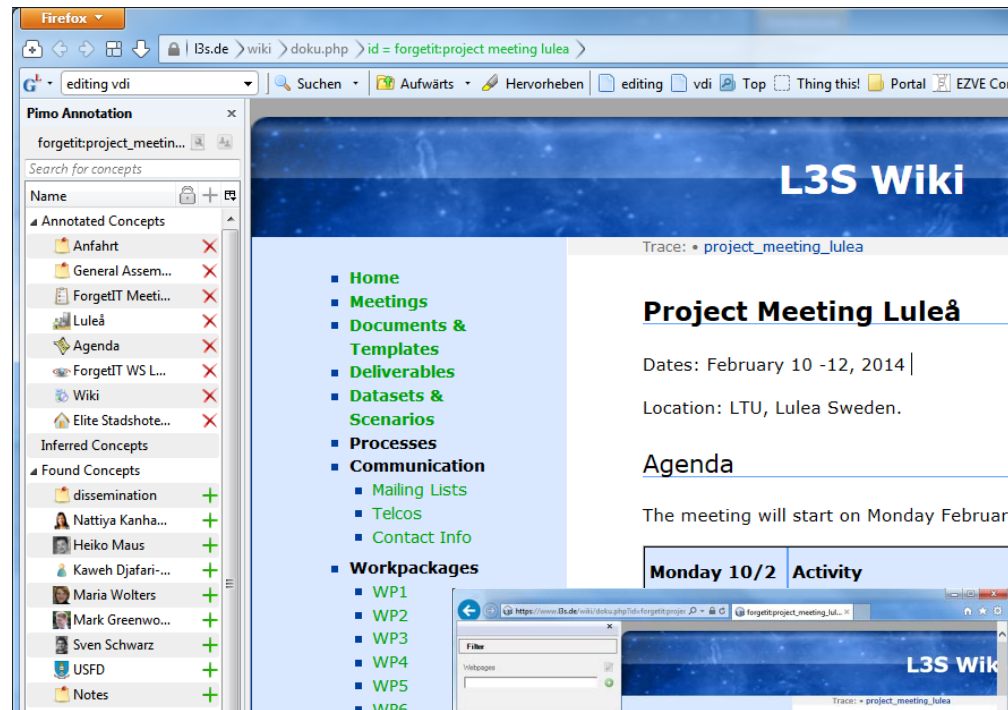




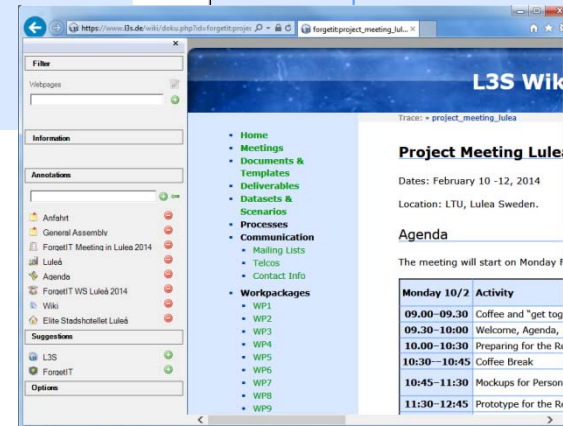
FireTag: Tagging the the Browser

- ◆ Plugin for Mozilla Firefox using the PIMO API
- ◆ Proposes tags for webpages based of extracted PIMO entities in the mail body
- ◆ Shows tags of an already annotated webpage

FireTag: annotated webpage in Mozilla Firefox



Annotated webpage in MS Internet Explorer

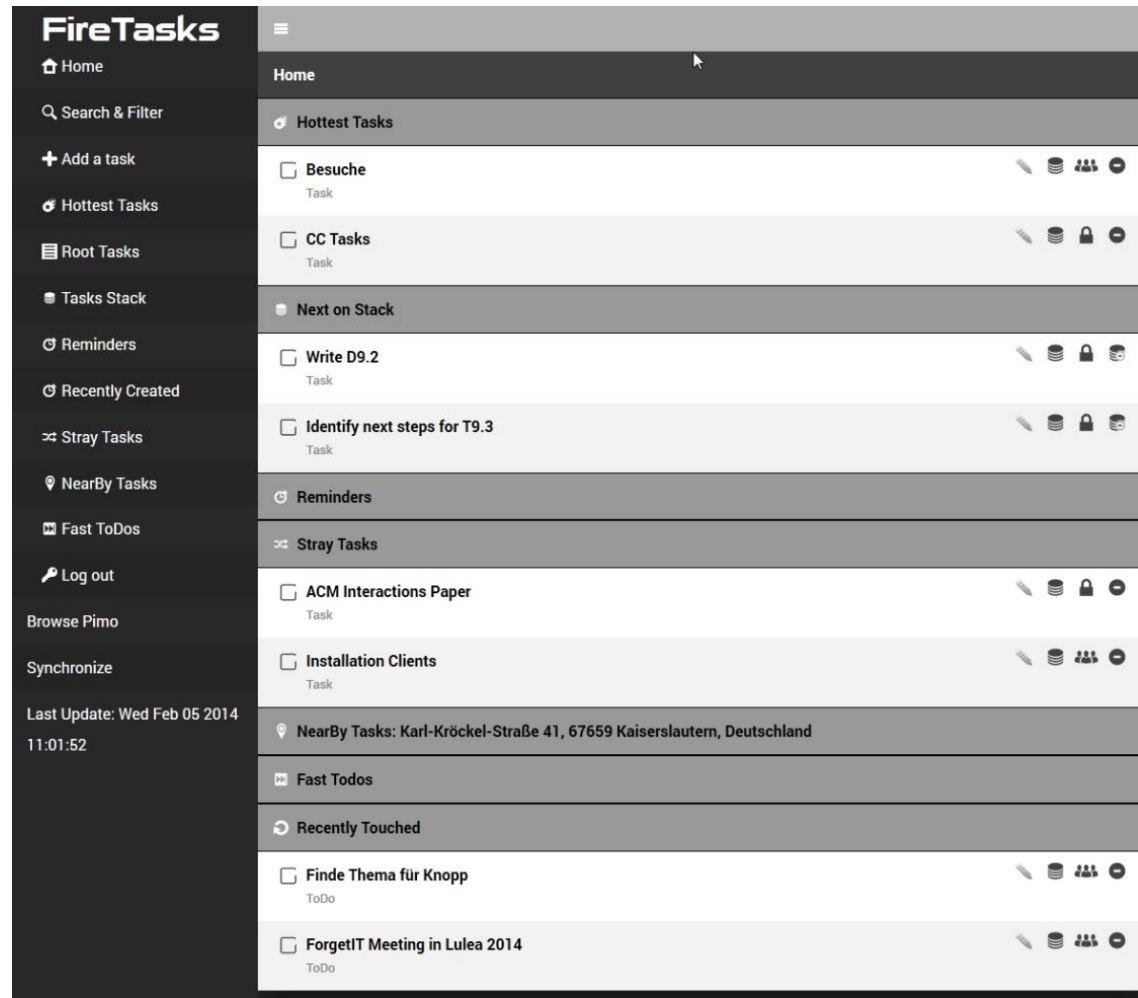




PIM: Tasks embedded in PIMO



- ◆ Task Management for users embedded in PIMO
 - Benefit for users
 - Provides evidences for activities, context for resources
- ◆ Different UIs realized
 - Desktop client
 - HTML5 client for mobile, browser
- ◆ Light-weight approach
 - Only task name required
 - Tasks and subtasks
 - Reminders
 - Notes, attachments





FireTasks: Task App Prototype in HTML5



- ◆ Home view shows different aspects of user's tasks
- ◆ quick overview & access

The screenshot displays the FireTasks mobile application interface. On the left is a dark sidebar menu with the following items: Home, Search & Filter, Add a task, Hottest Tasks, Root Tasks, Tasks Stack, Reminders, Recently Created, Stray Tasks, NearBy Tasks, Fast Todos, Log out, Browse Pimo, Synchronize, and a timestamp 'Last Update: Wed Feb 05 2014 11:01:52'. The main content area on the right is titled 'Home' and is divided into several sections: 'Hottest Tasks' (containing 'Besuche' and 'CC Tasks'), 'Next on Stack' (containing 'Write D9.2' and 'Identify next steps for T9.3'), 'Reminders', 'Stray Tasks' (containing 'ACM Interactions Paper' and 'Installation Clients'), 'NearBy Tasks' (with location 'Karl-Kröckel-Straße 41, 67659 Kaiserslautern, Deutschland'), 'Fast Todos', 'Recently Touched', and 'ToDo' (containing 'Finde Thema für Knopp' and 'ForgetIT Meeting in Lulea 2014'). Each task entry includes a checkbox, a title, a subtitle, and a set of action icons (edit, delete, share, etc.).



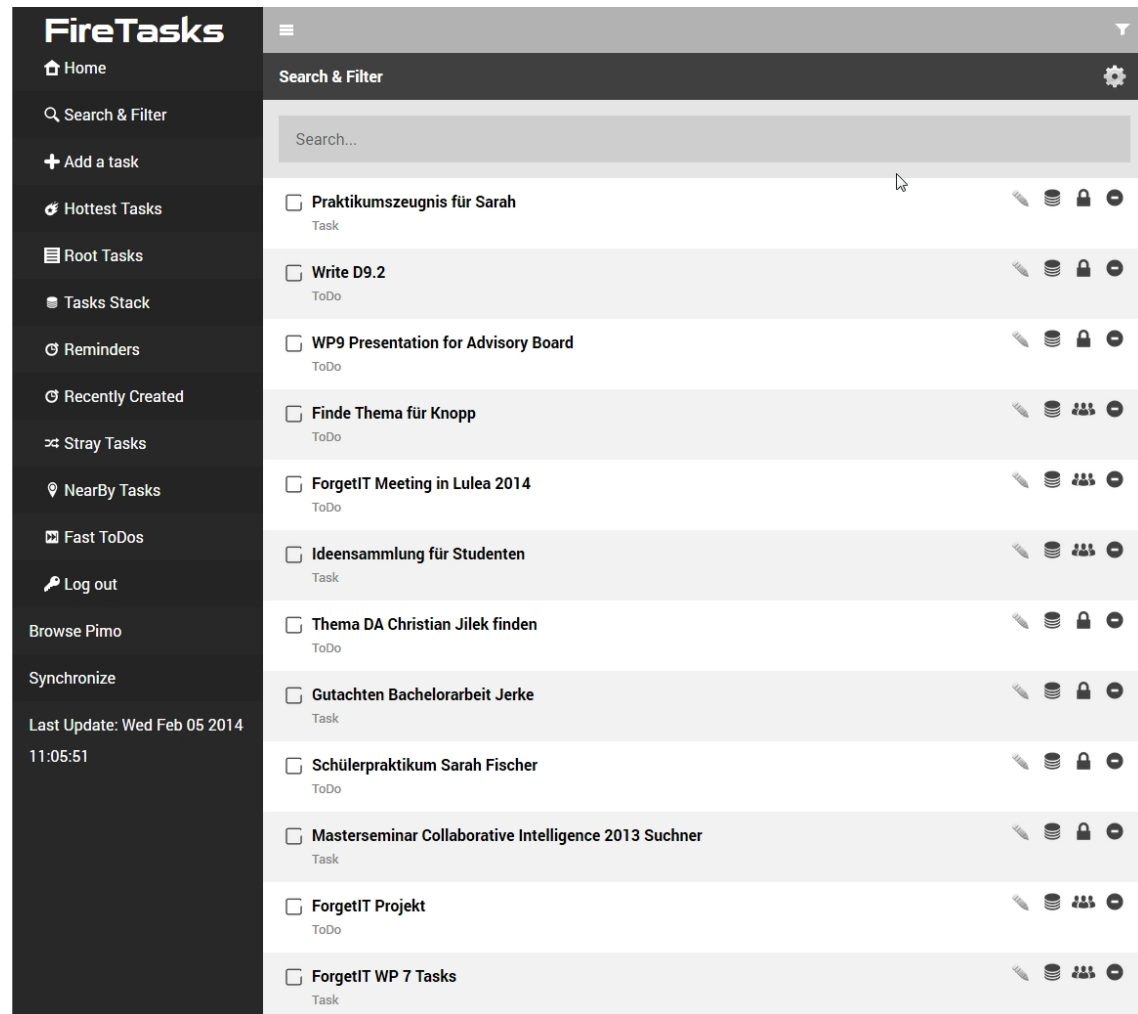


FireTasks: SmartViews



Several views possible such as:

- ◆ Recently touched
- ◆ “Hottest” tasks
 - Function of frequency in usage, location, location
 - Memory buoyancy will be included
- ◆ Tasks near current location
- ◆ Stray tasks
 - Neglected tasks





FireTasks



◆ Filter with PIMO concepts

The screenshot displays the FireTasks application interface. On the left is a dark sidebar with navigation options: Home, Search & Filter, Add a task, Hottest Tasks, Root Tasks, Tasks Stack, Reminders, Recently Created, Stray Tasks, NearBy Tasks, Fast ToDos, Log out, Browse Pimo, and Synchronize. The main area shows a list of tasks with checkboxes and icons for editing, deleting, and locking. A dropdown menu is open on the right, showing filter options: 'All' (checked), 'Recently Used' (with a list of tasks like 'ForgetIT', 'ForgetIT WP', 'RSIP2-SD', 'Mansystems', 'ZIM', 'MDE', 'ForgetIT WS', 'ForgetIT WP', 'ForgetIT WP'), and 'All Annotations' (with a list of annotations like '<none> (4)', 'Bachelor-Prä', 'Bildbearbeit', 'ForgetIT WP', 'Anruf May w', 'memory bud', 'personal life', 'ForgetIT WP', 'HCI (1)', 'OAIS (1)', 'Luleå (3)', 'TelCo (1)', 'ForgetIT (10)', 'Treffen Insid', 'rememberin', 'Abstimmung', 'Nepomuk (3)', 'Kristin Such', 'Christian Jil').





FireTasks



- ◆ Filter with PIMO concepts

The screenshot displays the FireTasks application interface. On the left is a dark sidebar with navigation options: Home, Search & Filter, Add a task, Hottest Tasks, Root Tasks, Tasks Stack, Reminders, Recently Created, Stray Tasks, NearBy Tasks, Fast ToDos, Log out, Browse Pimo, and Synchronize. The main area shows a 'Search & Filter' header with a search input field and a list of tasks: 'WP9 Presentation for Advisory Board' (ToDo), 'WP9 in Lulea : Status, next steps, review' (Task), and 'ForgetIT Projekt' (ToDo). On the right, a filter sidebar is open, showing 'All' (selected), 'Recently Used' (with items like ForgetIT, ForgetIT WP 9, RSIP2-SD, Mansystems, ZIM, MDE, ForgetIT WS Lu, ForgetIT WP5, ForgetIT WP3, ForgetIT WP8), and 'All Annotations' (with items like ForgetIT Advis, Luleå (2), ForgetIT WS Lu, ForgetIT (3), ForgetIT WP 9).





FireTasks



- ◆ Accessing Task Information everywhere
- ◆ Annotations
 - PIMO concepts (topics, persons, projects, ...)
 - Resources (documents, images, emails, ...)
- ◆ Notes

The screenshot displays the FireTasks mobile application interface. On the left is a dark sidebar menu with options: Home, Search & Filter, Add a task, Hottest Tasks, Root Tasks, Tasks Stack, Reminders, Recently Created, Stray Tasks, NearBy Tasks, Fast ToDos, Log out, Browse Pimo, and Synchronize. Below the menu, it shows 'Last Update: Wed Feb 05 2014 11:30:06'. The main content area shows a task titled 'WP9 Presentation for Advisory Board' with a sub-header 'ForgetIT Meeting in Lulea 2014'. Below this is a toolbar with icons for document, lock, text, calendar (showing '31'), grid, location pin, and volume. The 'Task Type' is set to 'ToDo'. A note is visible: 'Please note that for the session ...'. Below the note are several task items with expand/collapse icons: 'Should have started since 6 days', 'Due Date: 2 days left', 'Annotations (4)', 'ForgetIT Advisory Board', 'ForgetIT WP 9', and 'Lulea-WP9-AdvisoryBoard-2014.pptx' (which is highlighted with a mouse cursor). Below these are 'Inherited Annotations (5)'. At the bottom, there is a 'Description' field with a rich text editor toolbar and the following text: 'Please note that for the session on Tuesday morning for the advisory a presentation of every WP is required, which should be prepared before coming to Lulea. This should cover the goals of the WP as well as the achievements so far. Feedback on slides on Monday'.

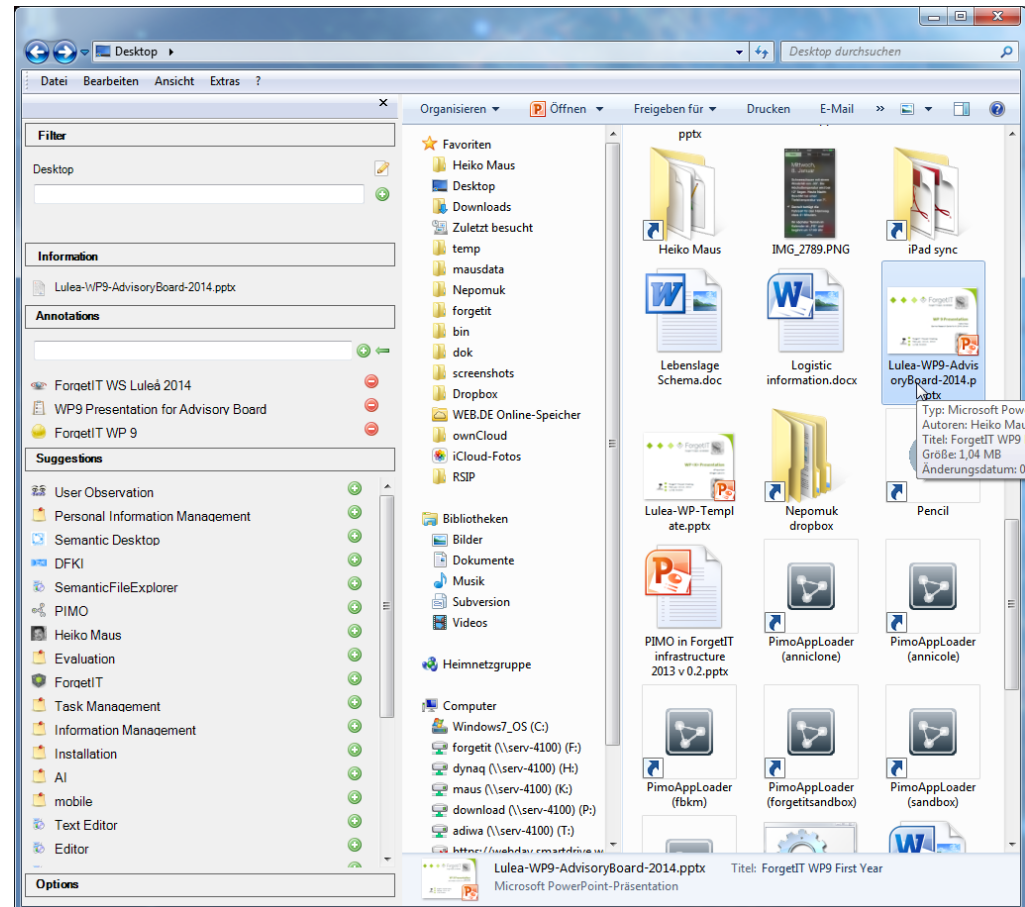




PIMO interconnects different apps



- ◆ Apps use the PIMO as common vocabulary of the user



The Lulea slides from the FireTasks' example: annotated with task in the SemanticFileExplorer

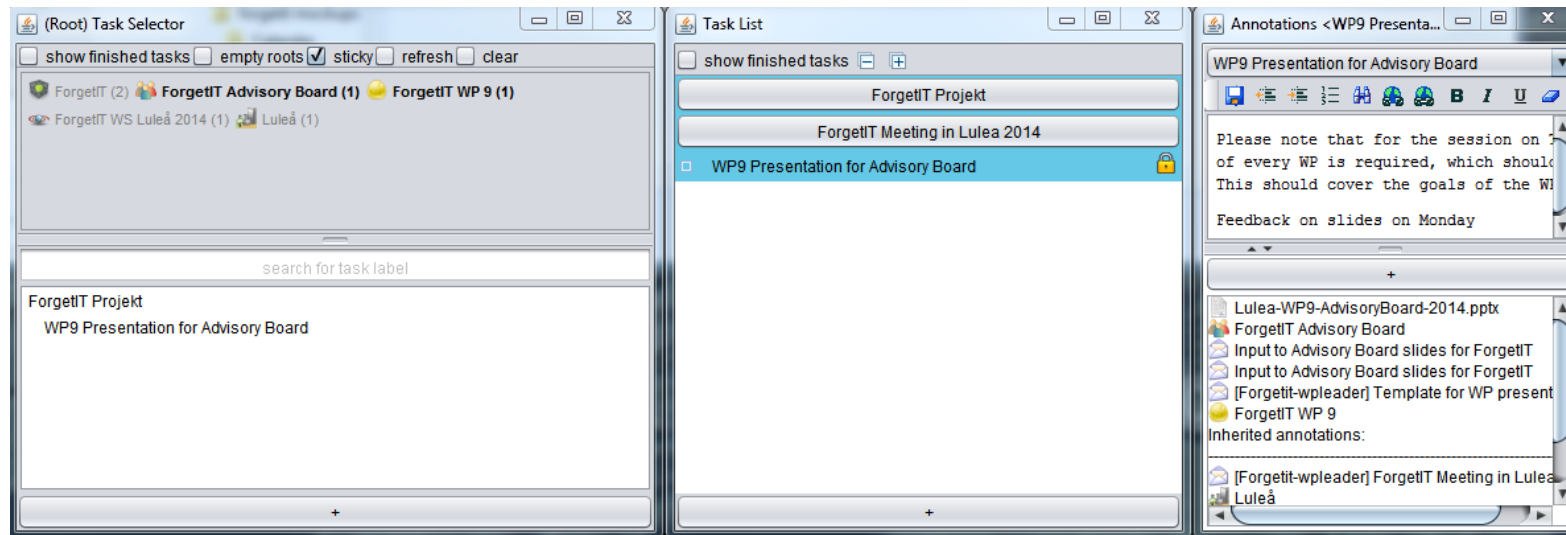




ConTask: Task Management Desktop Client



- ◆ Legacy Task Management prototype for desktop
- ◆ Part of the Semantic Desktop infrastructure
- ◆ Uses same task model of PIMO like FireTasks





PIMOCaI: CalDAV endpoint for events



ForgetIT WS Luleå 2014

debug main docs

agents Viktor Mayer-Schönberg

locs Luleå
Elite Stadshotellet Luleå

jobs ForgetIT
Reiseantrag Lulea 2014

docs Lulea Flugticket 2014
[ForgetIT-all] WP11 Presentation

show forgotten MB 1 Refresh

Kalender

Aufgabe Bearbeiten Löschen Termine suchen

Heute 10. – 16. Februar 2014 KW: 7

	Montag 10 Feb	Dienstag 11 Feb	Mittwoch 12 Feb	Donnerstag 13 Feb	Freitag
Ganzer Tag	ForgetIT WS Luleå ...	ForgetIT WS Luleå ...	ForgetIT WS Luleå ...		

Termin bearbeiten: ForgetIT WS Luleå 2014

Termin Bearbeiten Ansicht Einstellungen

Speichern und schließen Teilnehmer einladen Privatsphäre Anhängen Löschen

Titel: ForgetIT WS Luleå 2014

Ort: Elite Stadshotellet Luleå (pimo:1388225830851:20), Luleå (pimo:1386670162382:30)

Kategorie: Keine Kalender: PIMOCaI

Teilnehmer: Berker Loğoğlu, Claudia Niederée, Francesco Gallo, Goran Lindqvist, Kaweh Djafari-Naini, ...
 Teilnehmer benachrichtigen

Ganztägig

Beginn: 10.02.2014 0:00

Ende: 12.02.2014 0:00

Wiederholen: Wiederholt sich nicht

Erinnerung: Keine Erinnerung

Beschreibung:

Anhänge: nimo:caluid:eaca3a02-990b-493f-8183-f0b5f79b5281

Öffentlicher Termin

The Lulea WS event in the PIMO and as calendar event accessible via CalDAV (here in Thunderbird)

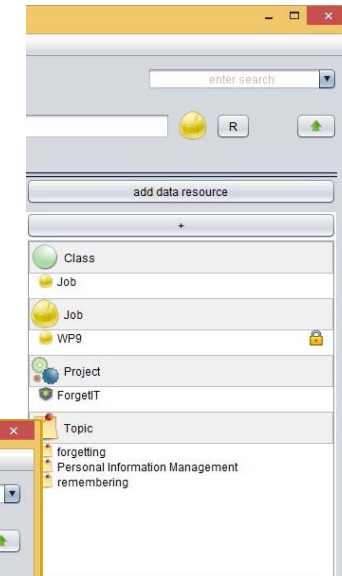
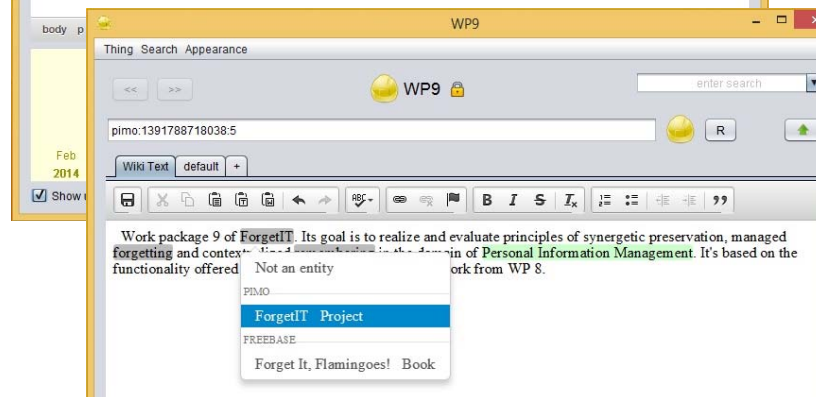
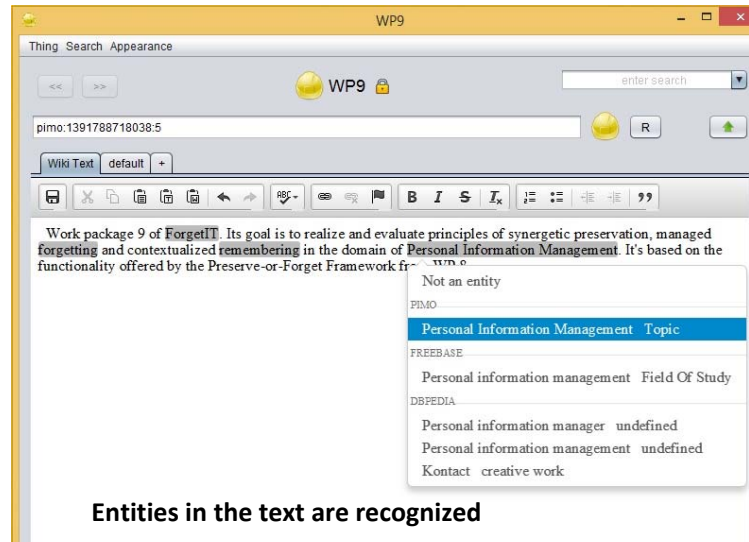




Semantic Text composition with seed (WP4)



- ◆ Writing text is supported by identifying things from the PIMO and new concepts from Linked Open Data sources such as DBpedia and Freebase
- ◆ The note (and the thing it corresponds to) are annotated with the concepts confirmed by the user
- ◆ Instead of manual tagging
- ◆ Will be part in all places where text is written, e.g., in PIMORE





PIMO Installation

- ◆ A HowTo and web-based installer available at <http://pimo.kl.dfki.de/bootstrap/en/indexEN.htm>

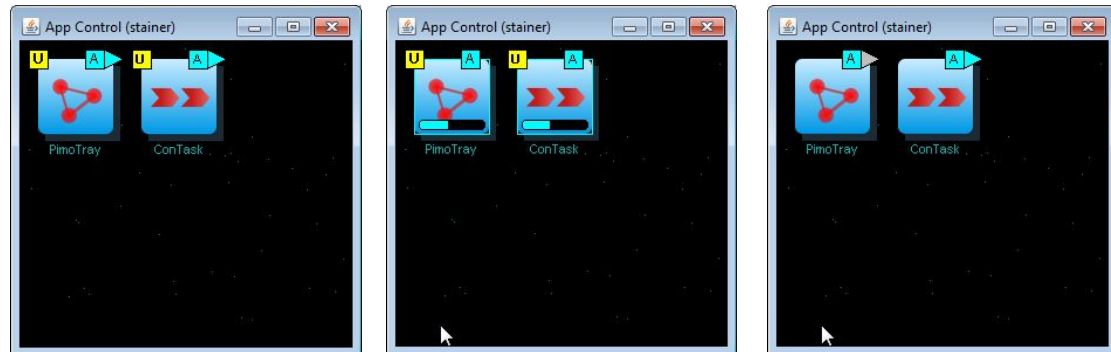
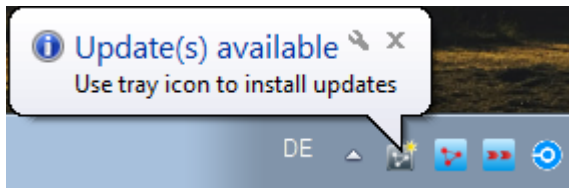
The screenshot displays the PIMO website's installation page. The top navigation bar includes links for Home, Register now, Get your own PIMO, Functions, Blog, and About us, along with language selection (German and English). A mobile device selection menu is visible, with 'PC' selected. The main content area features a central hub with icons for 'Dateien', 'Aufgaben', 'Kalender', and 'Websites'. Below this, a section titled 'Everything in your PIMO' explains that PIMO stores information consistently and provides a 'What is PIMO?' button. The 'App Loader' section details the 'PimoAppLoader (required!)' as a desktop client for installing, running, and updating PIMO Apps, with specific instructions for installation and a link to the jar file. The 'Apps' section lists three available applications: 'PimoTray' (a Java GUI for PIMO concepts), 'ConTask' (an experimental Java GUI for task management), and 'Pimobile (for desktop)' (a desktop app simulating the mobile GUI). The 'Other Applications' section includes instructions for installing a 'Sidebar for Firefox/Thunderbird' and an 'Observation Plug-in for Firefox'. The footer contains the 'DFKI' logo and the text 'Deutsches Forschungszentrum für Künstliche Intelligenz GmbH'.





PIMO on Desktop

- ◆ Various apps can be installed from webpage (drag&drop)
- ◆ Apps reside In Windows tray
- ◆ Easy Updates



Update Available indicator & simple update procedure

