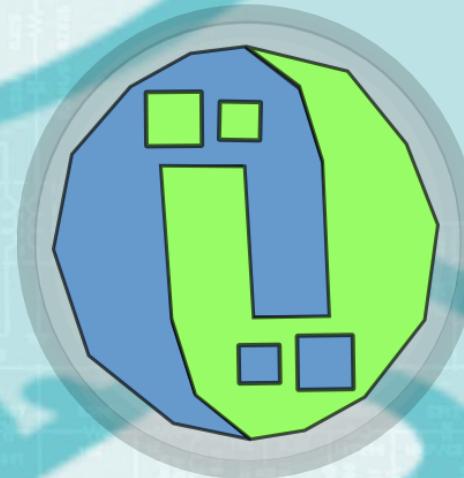
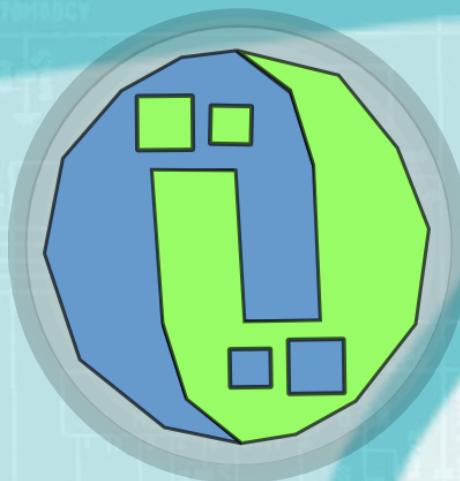


NETENTION

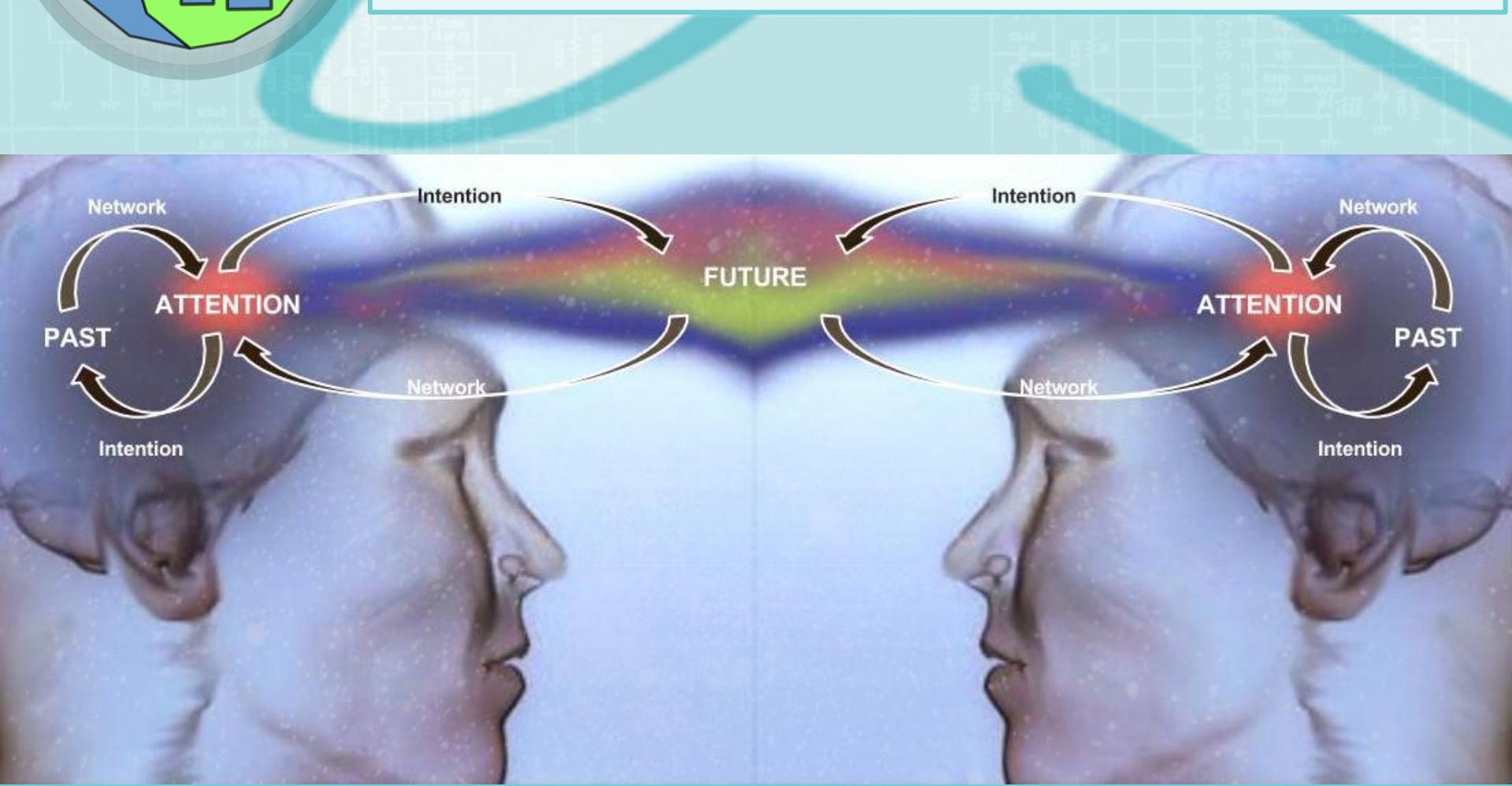


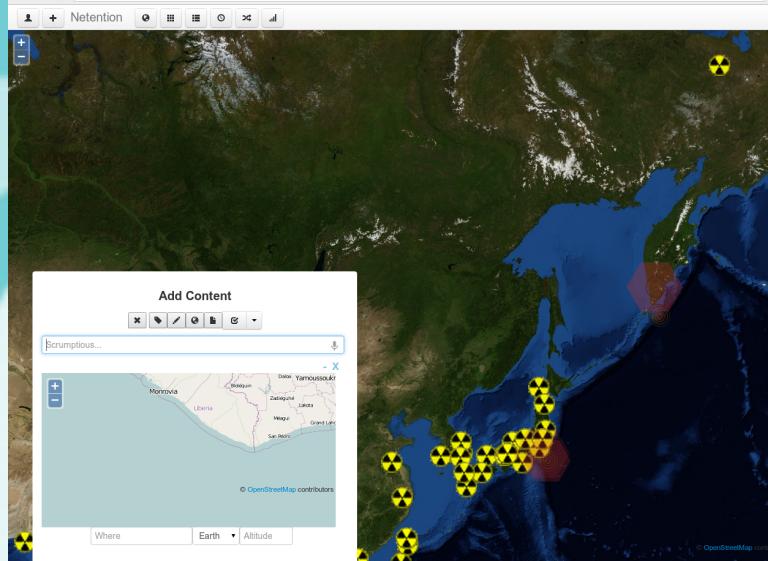
OuiShare - 2013



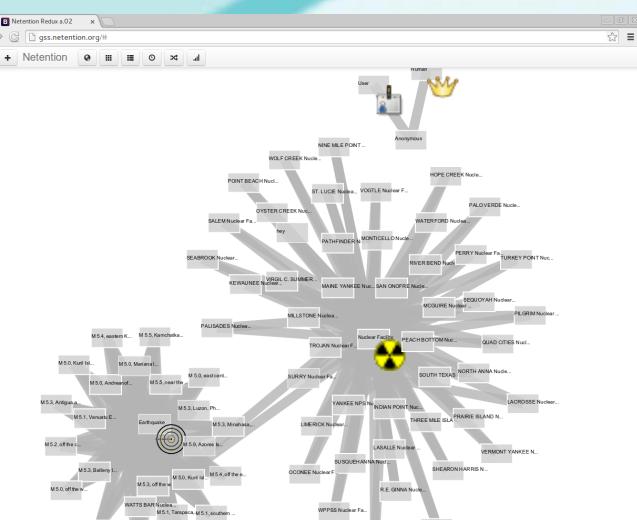
NETENTION

Attention - Intention - Network



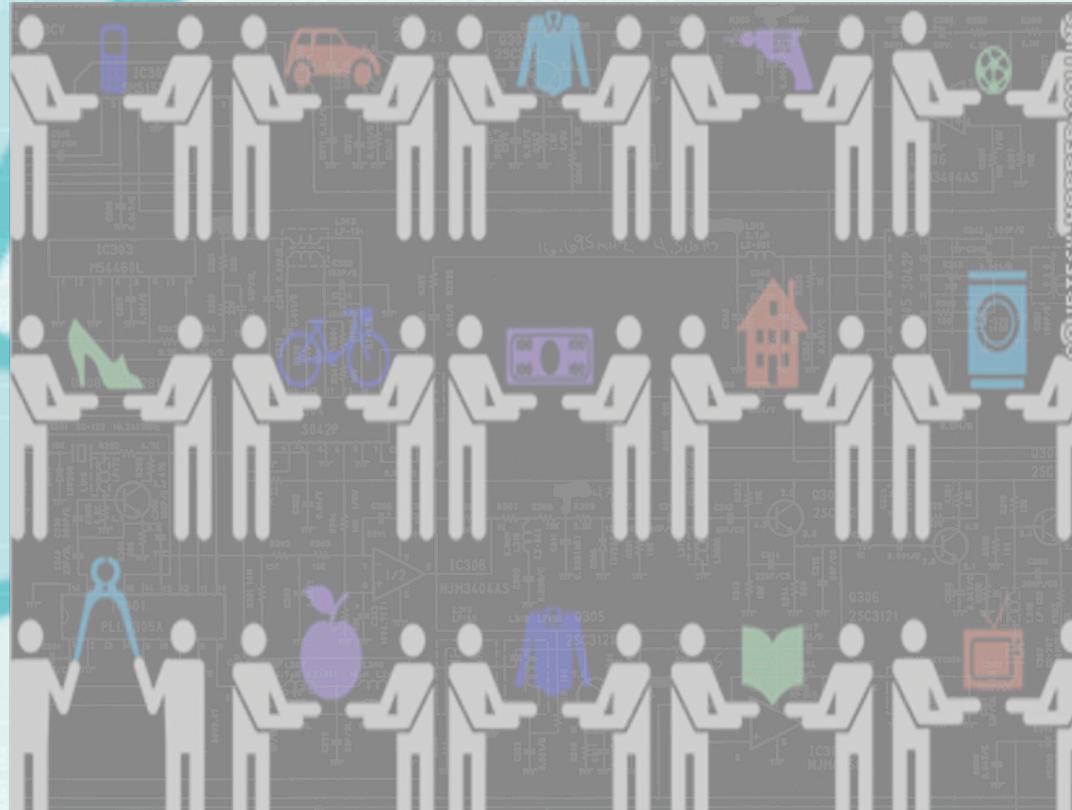


Netention is a folksontological semantic tool that can facilitate collaboration and sharing between individuals, communities, entrepreneurs, private companies and public institutions toward new forms of economy.



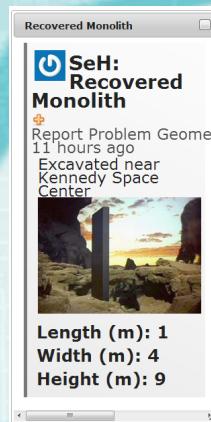
- M 5.2, off the coast of Atacama, Chile Earthquake**
RSSItem.rssItemURL
Earthquake [-20.10,-70.38] about 6 hours ago
Magnitude: 5.2
Depth (m): 9900
- M 5.5, Kamchatka Peninsula, Russia Earthquake**
RSSItem.rssItemURL
Earthquake [52.69,157.17] about 9 hours ago
Magnitude: 5.5
Depth (m): 152700
- M 5.3, off the west coast of northern Sumatra Earthquake**
RSSItem.rssItemURL
Earthquake [2.75,91.57] about 20 hours ago
Magnitude: 5.3
Depth (m): 15000
- Anonymous**
Human User less than a minute ago
- SETH: hey**
1 day ago
is it workin?
- SETH**
Human User 1 day ago
yo
- M 5.4, off the east coast of Honshu, Japan Earthquake**
RSSItem.rssItemURL
Earthquake [34.86,141.71] 1 day ago
May 01, 2013 23:13:05 GMT
Magnitude: 5.4
Depth (m): 9000
- M 5.1, Vanuatu Earthquake**
RSSItem.rssItemURL
Earthquake [28.29,51.75] 2 days ago
May 01, 2013 09:51:28 GMT
Magnitude: 5.1
Depth (m): 10000
- M 5.4, eastern Kashmir Earthquake**
RSSItem.rssItemURL
Earthquake [17.64,167.76] 2 days ago
May 01, 2013 05:57:12 GMT
Magnitude: 5.4
Depth (m): 9800
- M 5.3, Luzon, Philippines Earthquake**
RSSItem.rssItemURL
Earthquake [14.94,123.28] 2 days ago
May 01, 2013 05:38:00 GMT
Magnitude: 5.3

Social Semantic Narratives



Netention interlinks a community of peoples' stories and assets, with automatically discovered opportunities that are mutually inter-satisfying - essentially suggesting to its participants how they could realize the desired futures they have described.

A Netention object...



...is easily created and described...

Object editing - Custom tagging

Select Tags

- Human (0.95)
- Action
- Geometry (0.33)
- Value (0.17)
- Contract
- Media
- Report (0.17)
- Problem (0.17)
- Solution (0.17)
- Cause
- Effect
- Goal (0.17)
- User (0.95)
- Message (20.00)
- Decision
- Promise
- Tag
- Imaginary
- Web
- Twitter

OK

My new tag property

Tag

+Value Type

Value Type

Datatypes

boolean : a Boolean is a data type with only two possible values: true or false.
text : text to define or describe.
texarea : a multiline text area, for paragraphs
integer : a whole positive or negative number
real : a number with decimal points
url : link to a webpage or other web resource
object : links to another netention object
geolocation : coming soon: can be restricted to objects containing a specific tag
spacepoint : geolocalisation
not fully implemented :

timepoint : defines a certain moment in time

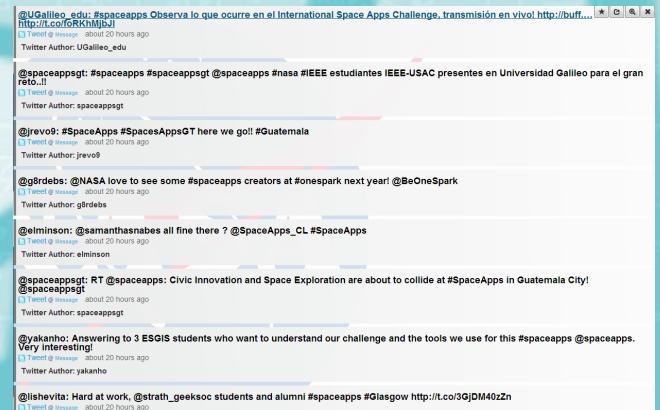
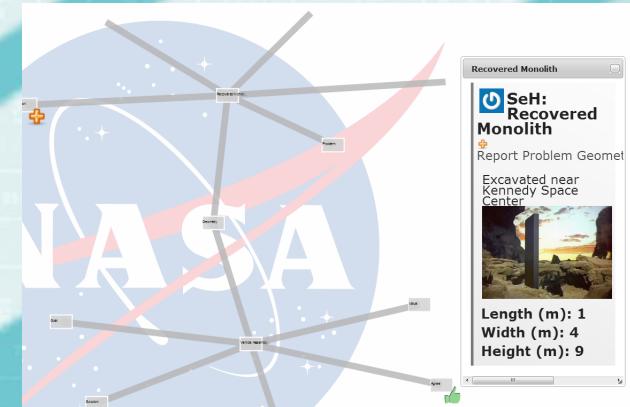
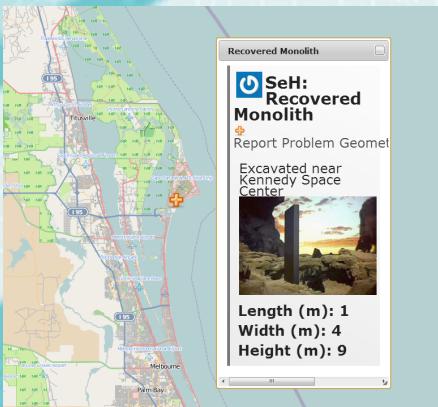
timerange : defines a certain segment of time, with start / stop timepoints

...and can be visualised in various ways.

Geolocalisation

Graph view (shows related objects linked by tags)

List views



describes
real object,
animal or
human

Has
a unique
URI

Is
described
by custom
tags

A Netention object...

describes
abstract
object

Time
position
(length,
events..)

Can be
geolocalised
(GPS +
radius)

Object Editing & Custom Tagging

Select the adequate **Tags** to describe your object.

Create new tags to build **ontologies** and describe more complex objects and processes **without coding**.

Select Tags

- Human (0.95)
- Action
- Geometry (0.33)
- Value (0.17)
- Contract
- Media
- Report (0.17)
- Problem (0.17)
- Solution (0.17)
- Cause
- Effect
- Goal (0.17)
- User (0.95)
- Message (20.00)
- Decision
- Promise
- Tag
- Imaginary
- Web
- Twitter

OK

The screenshot shows a software interface for managing tags and their properties. On the left, a 'Select Tags' dialog box lists various tags with their associated confidence scores. A specific tag, 'Decision', is selected. On the right, a larger window titled 'My new tag/property' shows the configuration for this tag. It includes sections for 'Tag' (with a '+Value Type' button), 'Value Type' (with a dropdown menu), and 'Datatypes'. The 'Datatypes' section lists several data types with their descriptions: boolean, text, textarea, integer, real, url, object, spacepoint, and timepoint. There is also a note about timerange and a section for 'not fully implemented'.

Available data types for Tags

boolean, text, textarea, integer, real, url, object, spacepoint... And soon : timepoint and timerange

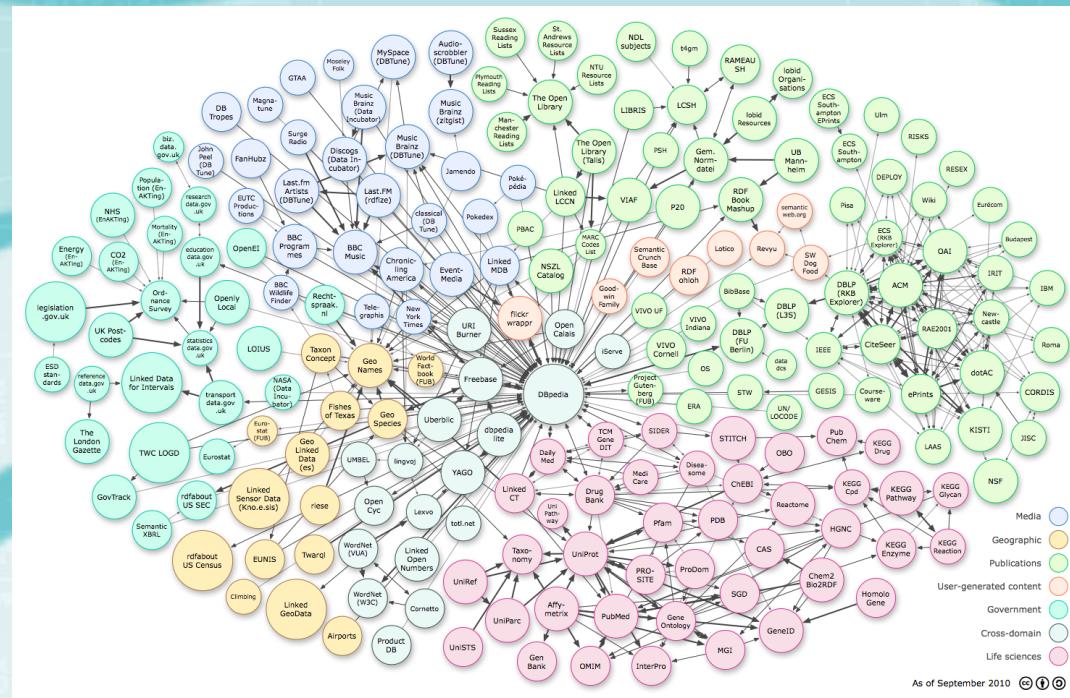
A **virtually unlimited** number of arrays to define an object and even a Tag, allowing to describe **highly complex** objects, like industrial machinery, spacecrafts or even concepts.

Create Both Physical and Abstract Objects

Manufacturables
Food
Relationships
Educations
Social Organizations

Jobs
Healthcare
Education
Communication
Housing

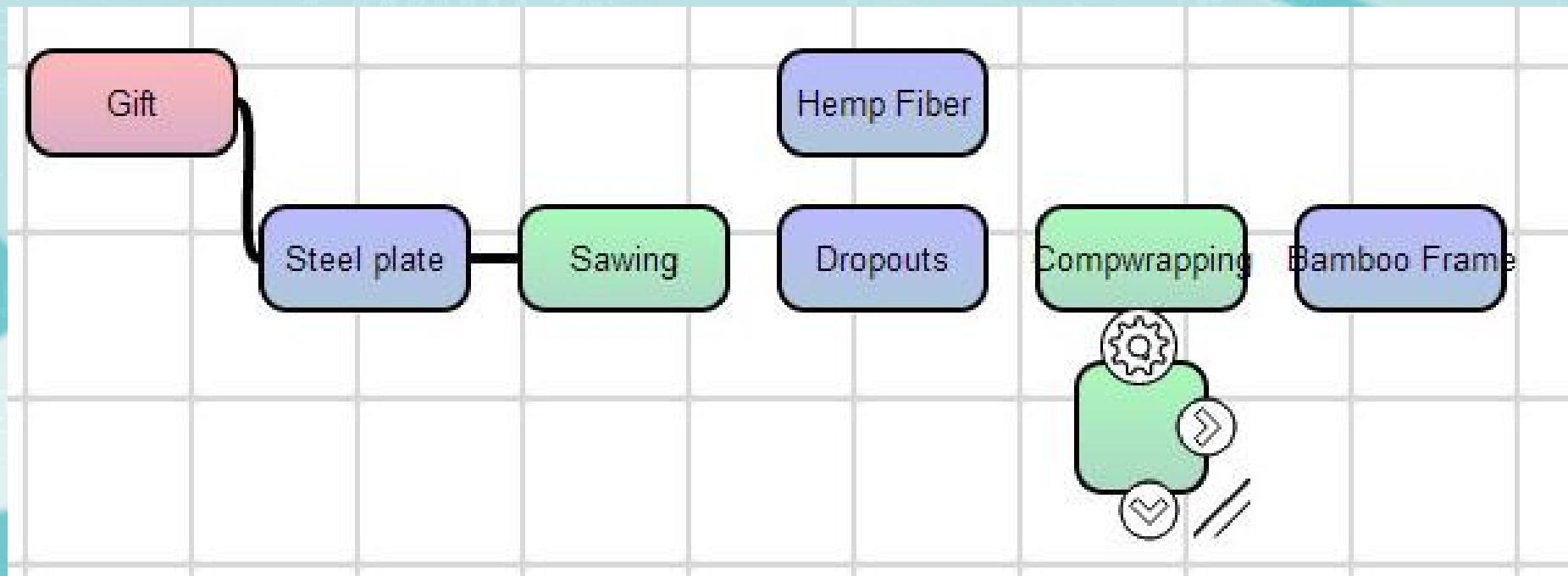
Scientific Experiments
Waste Removal & Recycling
Energy Generation
Art
Mental States



As of September 2010

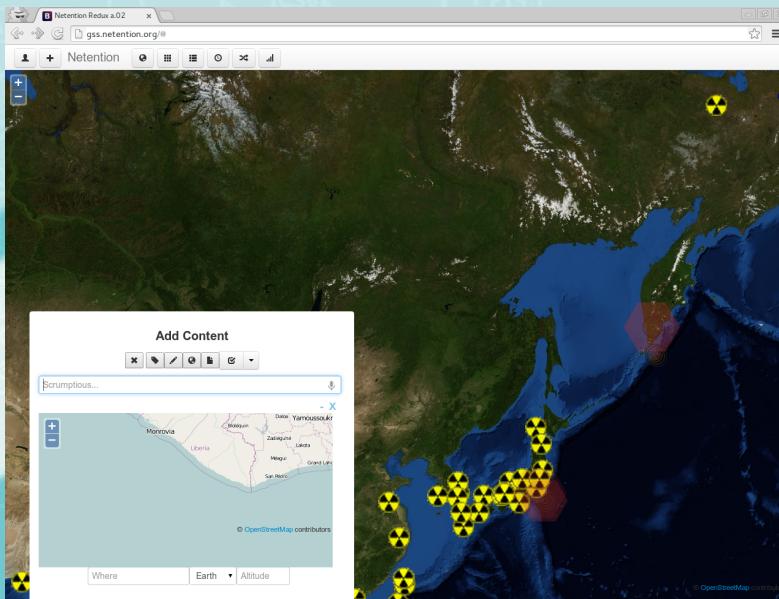
Social Resource Acquisition and Construction

Combining social object creation with physical object creation, basically a social supply chain / logistics system that backward chains from desired objects to the necessary ingredients and social activities necessary to acquire and assemble them.



Mapping and Overlapping of collaborative economy initiatives

Describe and localise **any group of individuals**. A semantic description allows a more precise definition of **shared values**, and can help any group finding **co-creators**.

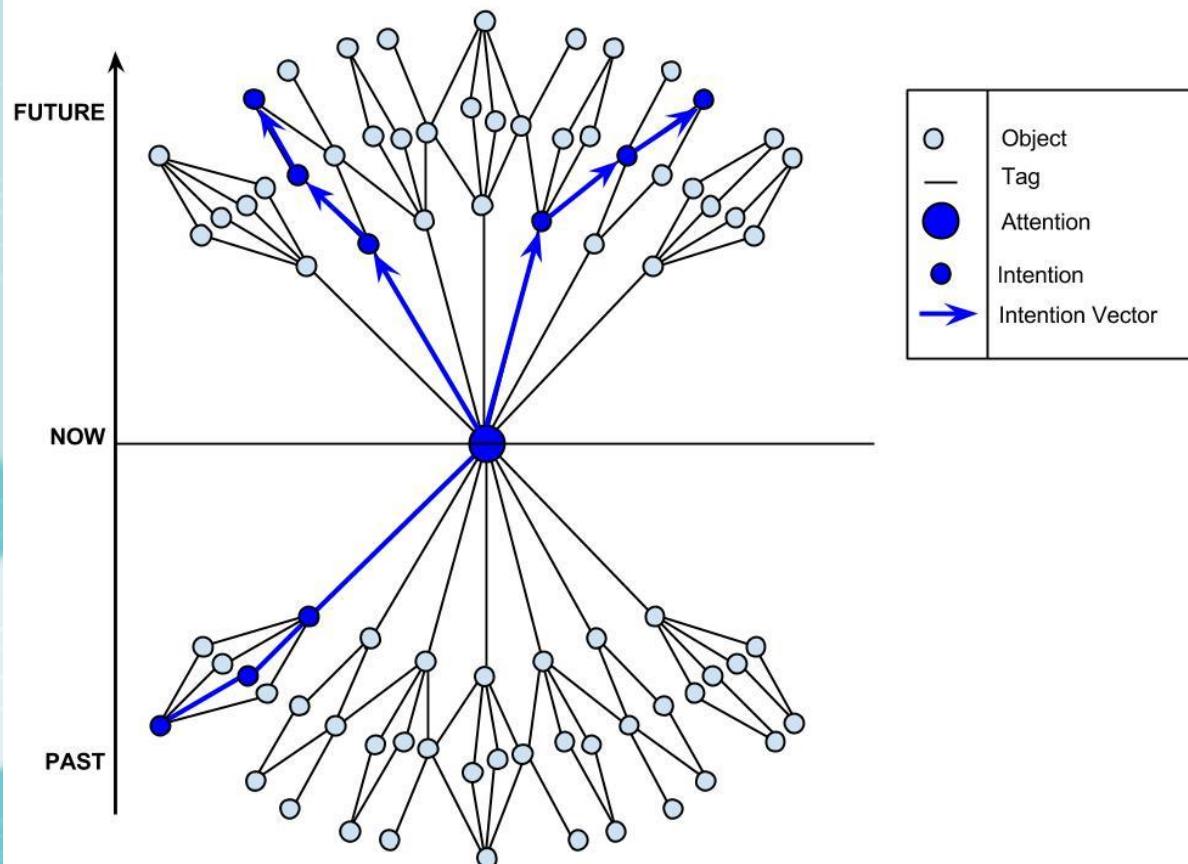


Ontology

- Name
- Field
- Vision
- Objective/outcome
- Stage of the project
- Who are the users
- Number of users
- 'value proposition'
- Scale (local, regional)
- Team-size
- website
- Place (can be virtually global)

Semantic Simulations

Netention is a tool for describing one's **current life situation** ("is"), and potential future situations ("can be") – as linked data objects.



A **semantic description** of a human life can be considered to consist of a set of declarations representing aspects about which one is concerned or interested.

Link the **current and desired states of real and imaginary concepts** - including people, environments, objects, processes, knowledge, or time.

Semantic Information System (aka advertisements)

Crisis/environmental suggestions/anticipations :
GSS/ClimateViewer

Responsible and respectful advertisements

Answer the needs, dont provoke or generate them.

Collective communication

Any communication support created can be reused and adapted to any need. If someone likes your product, he may create your visual communication just to express you some gratitude !

Respect of Privacy and Relevance of Suggestions

Products and services suggested correspond to the exact needs and intentions expressed.

It is not an intrusive datamining of your mails and communications aiming at trying to understand your interests and link them to manipulative advertisements.

Digital resume

Personal inventory - skills and assets

Visualisations

table, lists, graphs, slides, timelines, videos,

Sorting options

Type of fields (arts, web-dev...)

experience

write a comment

another would be several lists like

"I am an expert teacher in..."

"I am a collaborating teacher in.."

Digital to paper

Filter by tags

show only teacher, or collaborator, etc

Economics information system

Basically, an economy consists of persons, teams and objects (that can be processes), each one can be defined in terms of agendas, potential, and a resource inventory.

Person/Team

can be real or virtual(simulations)

Inventory

Skills, assets, experience

Agenda

Goals, achieveables

Potential

Interests, long-term projects, values, opportunities

Object

can be real or virtual(simulations, concepts...)

Inventory

Parts, plans, technical documentation...

Agenda

Planning of an object, a tool, a process...

Potential

Sharing conditions, end-of-life, recycling, modularity, unexpected uses...

Common components in most business model definitions

Core capabilities (assets, capabilities, processes)

Customer value propositions (products and services, offering, differentiation)
all value offered to all stakeholders

Target customer (segments, scope, needs)

Revenue model (pricing, ways of charging)

Distribution channel (delivery, channels, promotion)

Partnerships (suppliers, partners, value chain position)

Cost structure (fixed and variable costs)

Control mechanisms used to protect the created values and the profit streams from being reduced by partners, competitors or strong customers

Objects for transactions to clarify what is being transacted between different stakeholders, as it is no longer limited to products and services

A business model answers the questions:

How are values created, captured and by whom?

How are values extracted, controlled and by whom?

Collaborative consumption

These are just categories, there are thousands of collaborative and sharing projects, each using different languages, databases, etc.

One way to solve that redundancy and absence of communication protocols may be to agree on ontologies so that everyone uses the same objects and can share their products and services on a wider scale while communicating with similar projects.

CHILDREN

Babysitting, Clothes, Gear, Toys

ELECTRONICS

Appliances, Camera, Laptop, Stereo, Tablet

ENTERTAINMENT

Books, Games, Movies, Music, Video Games

EQUIPMENT

Machinery, Pets, Photography, Sports Equipment, Tools

FASHION

Accessories, Clothes, Makeup

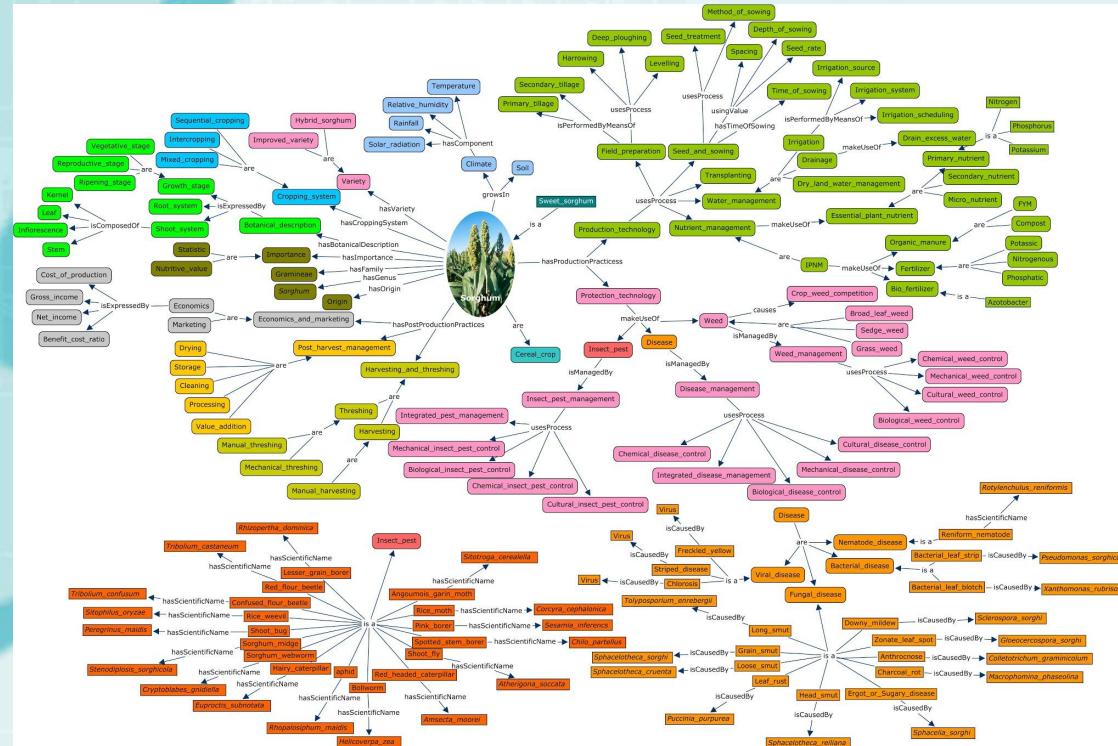
FOOD

Cooking, Dining, Garden, Produce, Social Dining, Takeaway

HOME

Appliances, Art, Furniture, Tools, Utilities

Evolutive knowledge mapping objects



Agropedia Ontology Guidelines

http://agropedia.iitk.ac.in/km_guidlines.pdf

Examples of knowledge models

<http://agropedia.iitk.ac.in/content/knowledge-models>

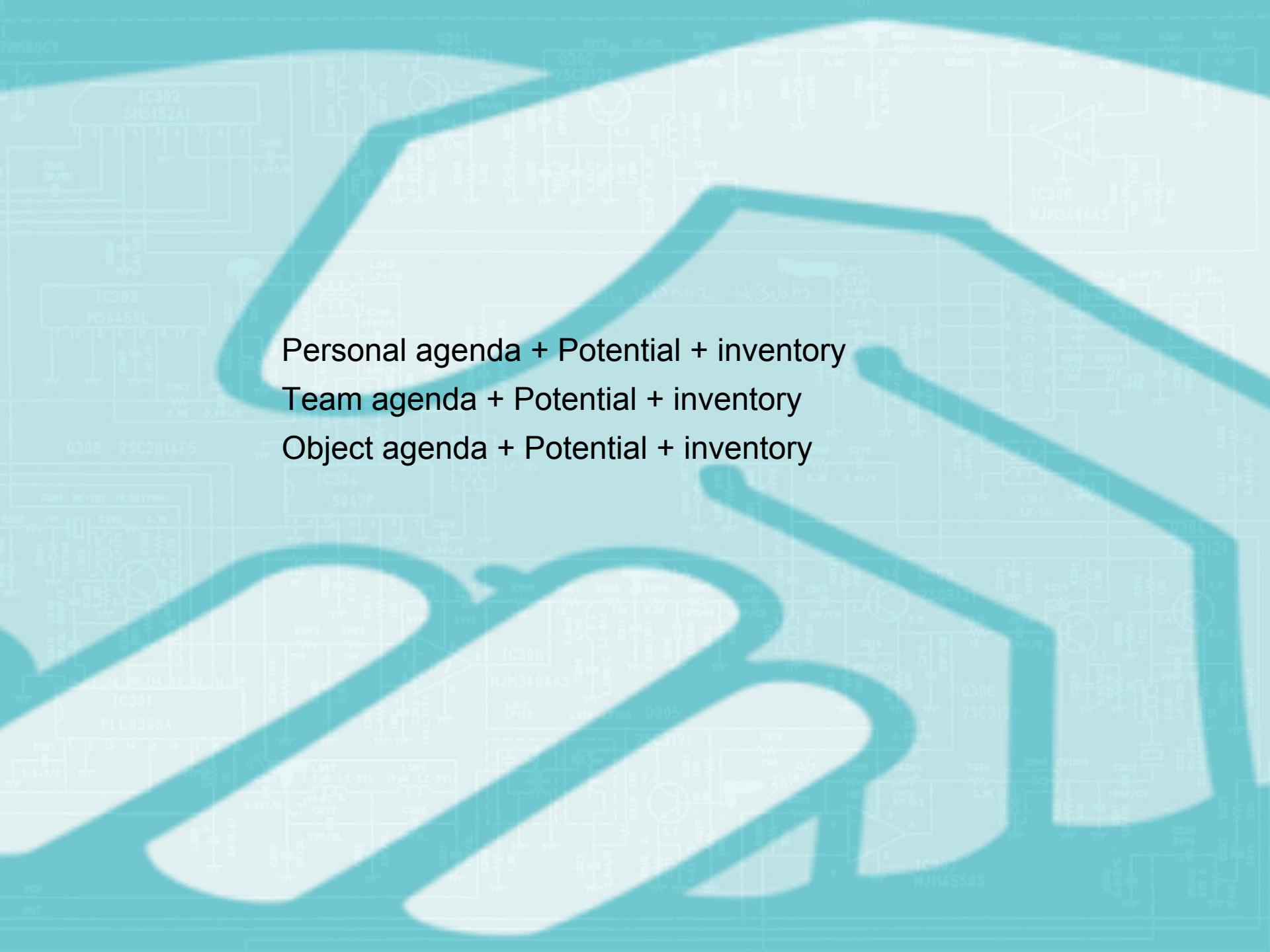
Technical specifications of actual prototype

100% open source software

Javascript

Openlayers (openstreetmaps)

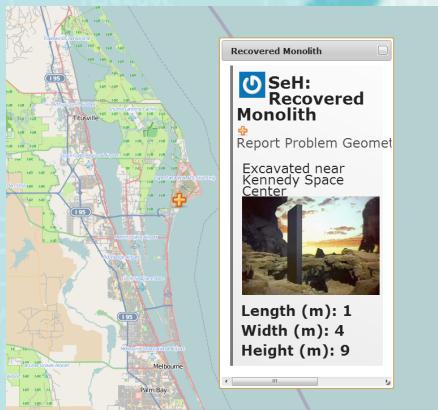
Database : mongodb



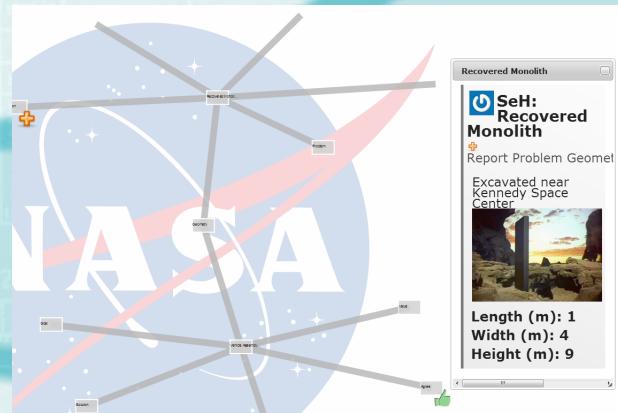
Personal agenda + Potential + inventory
Team agenda + Potential + inventory
Object agenda + Potential + inventory

Data visualisation

Geolocalisation



Graph view (shows related objects linked by tags)



List views

-
- A screenshot of a Twitter search results page for the hashtag #spaceapps. The results are displayed in a list format. Each tweet includes the author's name, the tweet text, and a timestamp. The tweets are as follows:
- @UGalileo_edu: #spaceapps Observa lo que ocurre en el International Space Apps Challenge, transmisión en vivo! http://buff... about 20 hours ago Twitter Author: UGalileo_edu
 - @spaceappsgt: #spaceapps #spaceappsgt @spaceapps #nasa #IEEE estudiantes IEEE-USAC presentes en Universidad Galileo para el gran... about 20 hours ago Twitter Author: spaceappsgt
 - @jrev03: #SpaceApps #SpacesAppsGT here we go! #Guatemala about 20 hours ago Twitter Author: jrev03
 - @gbdels: @NASA love to see some #spaceapps creators at #onespark next year! @BeOneSpark about 20 hours ago Twitter Author: gbdels
 - @elminson: @samanthasnabes all fine there ? @SpaceApps_CL #SpaceApps about 20 hours ago Twitter Author: elminson
 - @spaceappsgt: RT @spaceapps: Civic Innovation and Space Exploration are about to collide at #SpaceApps in Guatemala City! about 20 hours ago Twitter Author: spaceappsgt
 - @yakano: Answering to 3 ESGIS students who want to understand our challenge and the tools we use for this #spaceapps @spaceapps. Very interesting! about 20 hours ago Twitter Author: yakano
 - @lislevita: Hard at work. @strath_geeksoc students and alumni #spaceapps #Glasgow http://t.co/3GJDM40zNz about 20 hours ago Twitter Author: lislevita

Data visualisation

List views

- @UGalileo_edu: #spaceapps Observa lo que ocurre en el International Space Apps Challenge, transmisión en vivo! <http://buff....> 

[Tweet](#) [Message](#) about 20 hours ago
Twitter Author: UGalileo_edu
- @spaceappsgt: #spaceapps #spaceappsgt @spaceapps #nasa #IEEE estudiantes IEEE-USAC presentes en Universidad Galileo para el gran reto...!! 

[Tweet](#) [Message](#) about 20 hours ago
Twitter Author: spaceappsgt
- @jrevo9: #SpaceApps #SpacesAppsGT here we go!! #Guatemala 

[Tweet](#) [Message](#) about 20 hours ago
Twitter Author: jrevo9
- @g8rdebs: @NASA love to see some #spaceapps creators at #onespark next year! @BeOneSpark 

[Tweet](#) [Message](#) about 20 hours ago
Twitter Author: g8rdebs
- @elminson: @samanthasnabes all fine there ? @SpaceApps_CL #SpaceApps 

[Tweet](#) [Message](#) about 20 hours ago
Twitter Author: elminson
- @spaceappsgt: RT @spaceapps: Civic Innovation and Space Exploration are about to collide at #SpaceApps in Guatemala City! @spaceappsgt 

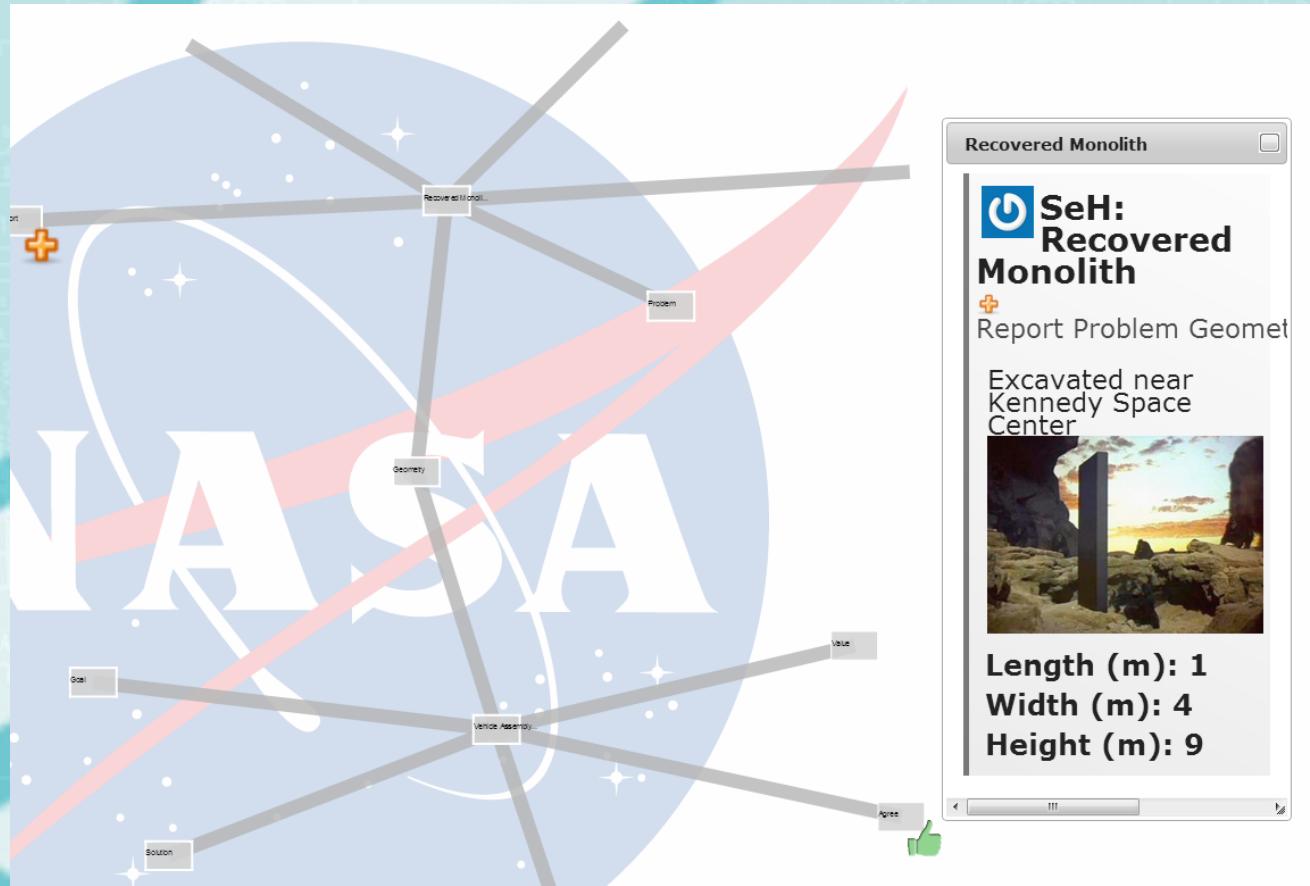
[Tweet](#) [Message](#) about 20 hours ago
Twitter Author: spaceappsgt
- @yakanho: Answering to 3 ESGIS students who want to understand our challenge and the tools we use for this #spaceapps @spaceapps. Very interesting! 

[Tweet](#) [Message](#) about 20 hours ago
Twitter Author: yakaho
- @lishevita: Hard at work, @strath_geeksoc students and alumni #spaceapps #Glasgow <http://t.co/3GjDM40zZn> 

[Tweet](#) [Message](#) about 20 hours ago
Twitter Author: lishevita

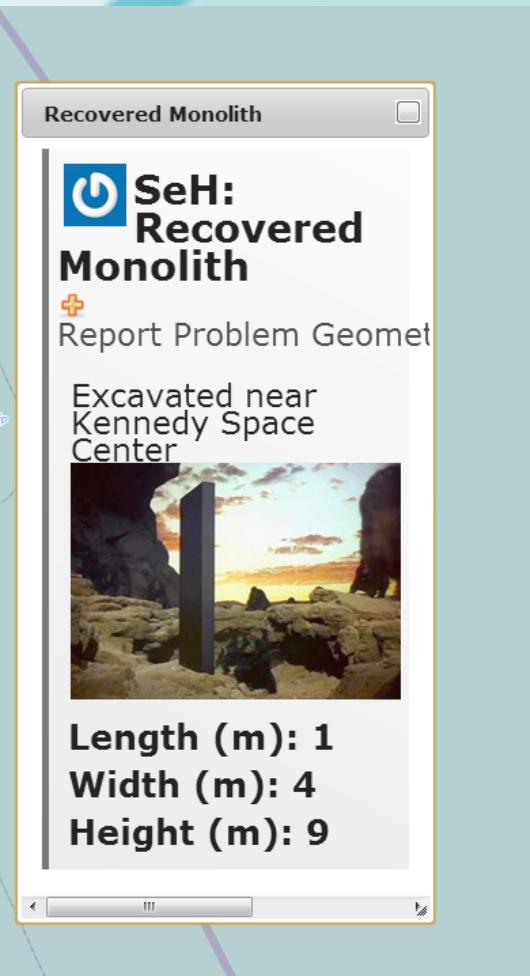
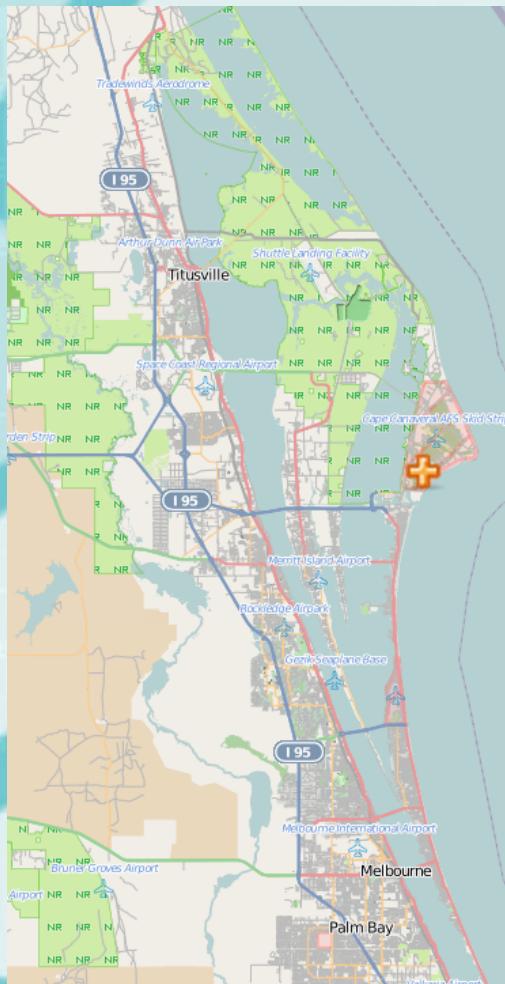
Data visualisation

Graph view (shows related objects linked by tags)



Data visualisation

Geolocalisation



Can be
geolocalised
(GPS + radius)

Resource Management

Netention aims to solve, in general, all resource management and planning issues that occur among communities of participants.

A complete system could conceivably eliminate the balkanization of various separate online services that presently serve relatively narrow subsets of the more general problem.

OSW doc OSHW Documentation Taxonomy

Items :

<https://docs.google.com/spreadsheet/ccc?key=0AkNG-lv1ELQvdHVNEdtVHp4dHRWOU8tcDNSbXROY3c#gid=2>

potentialities made conscious; Most of our assets (our goods, our skills, our wishes and desires...) stay invisible until reactivated by a specific event

Externalize our memories of potentialities, en reprenant quelques uns des trucs de zertify que Seth a écrit pour zertify

Pasts

Futures

Little Choice

Some Choice

More Choice



Intensity of Focus

We can think of this data flow as an **object data**

Circle of Life: data would synchronize with products own cycles of life. In a classic business process it would be something like this:

1 - the **production phase**: from the extraction of raw materials to its placement as a product in a shop.

2 - the **customer phase**: from the moment you look for the good to when you effectively acquire it

3 - the **product life optimization phase**: when you start to optimize the usage of it by using, hacking, sharing, giving, selling...

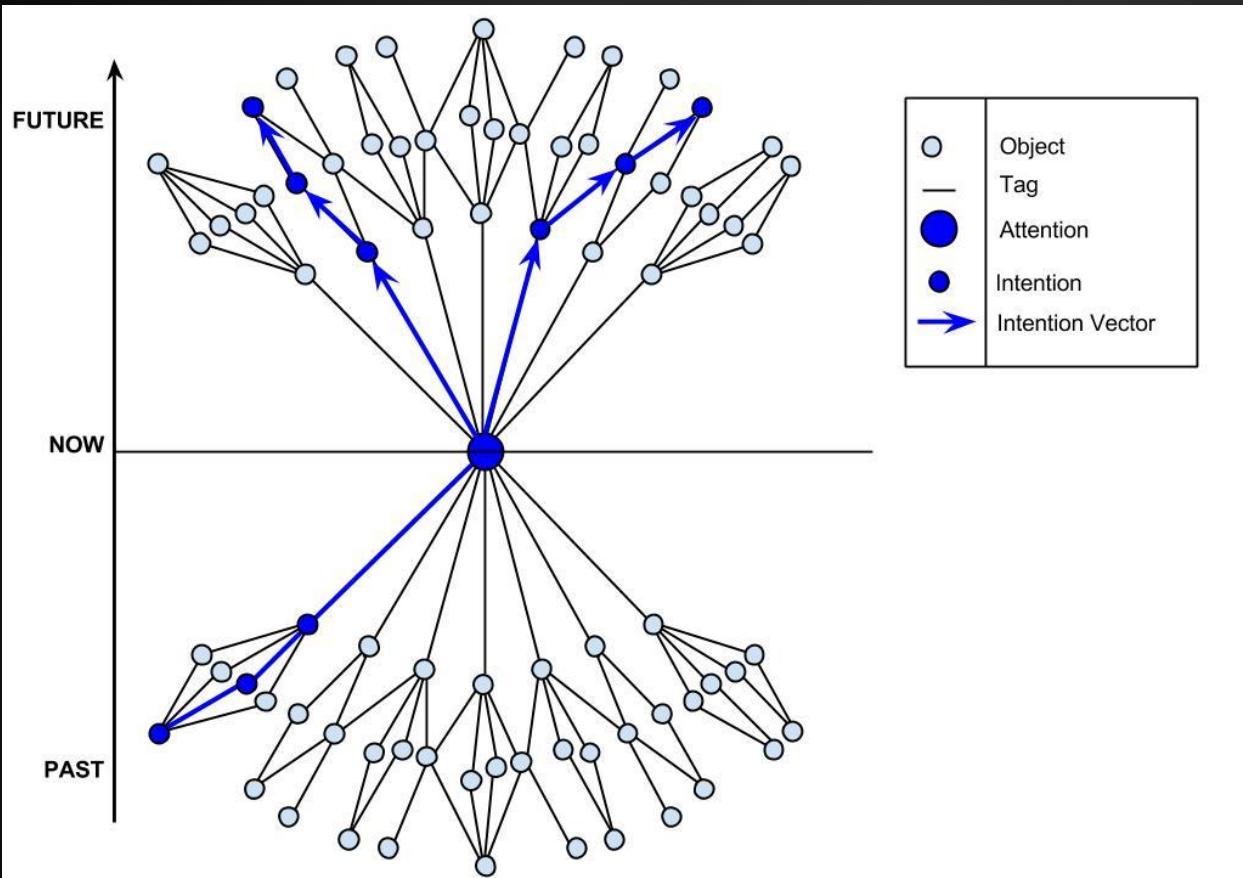
4 - the **product death optimization phase**: when you are looking for ways to optimize its death by repairing, reusing, recycling or rotting it.

Personal agenda + Potential + inventory

Team agenda + Potential + inventory

Object agenda + Potential + inventory

Netention is a tool for describing one's current life situation ("is"), and potential future situations ("will be") – as linked data objects.



Personal agenda + Potential + inventory

Team agenda + Potential + inventory

Object agenda + Potential + inventory

A semantic description of a human life can be considered to consist of a set of declarations representing aspects about which one is concerned or interested.

Link the current and desired states of real and imaginary concepts - including people, environments, objects, processes, knowledge, or time.

Personal agenda + Potential + inventory

Team agenda + Potential + inventory

Object agenda + Potential + inventory

the global survival system presentation for a system that associates environmental conditions to human needs. this forms the basis of a logical advertising system that can recommend products and services to fulfill true needs.

Collaborative projects ontology

Name

Field

Vision

Objective/outcome

Stage of the projec

Who are the users

Number of users

'value proposition'

Scale (local, regional)

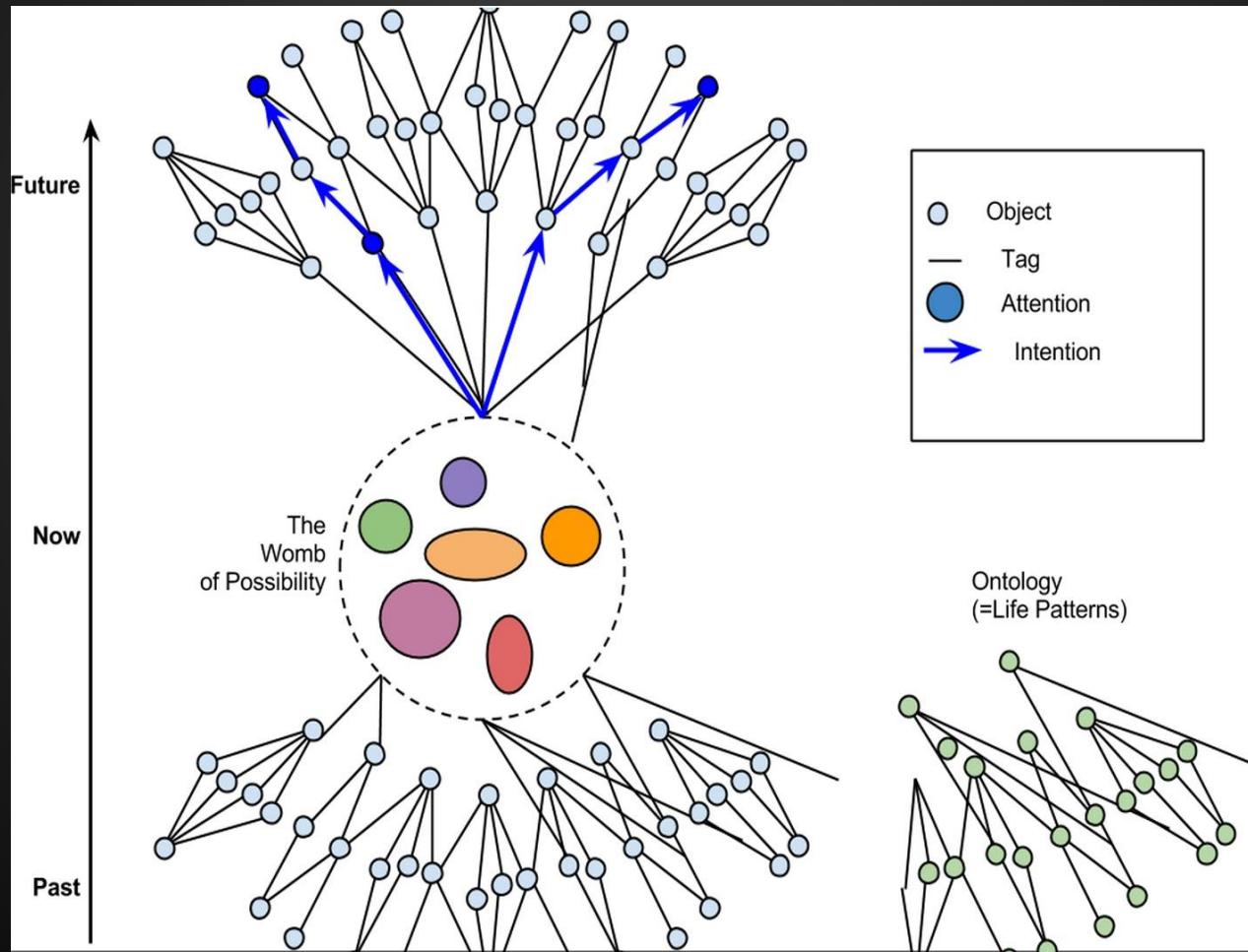
Team-size

website

Place (can be virtually global)

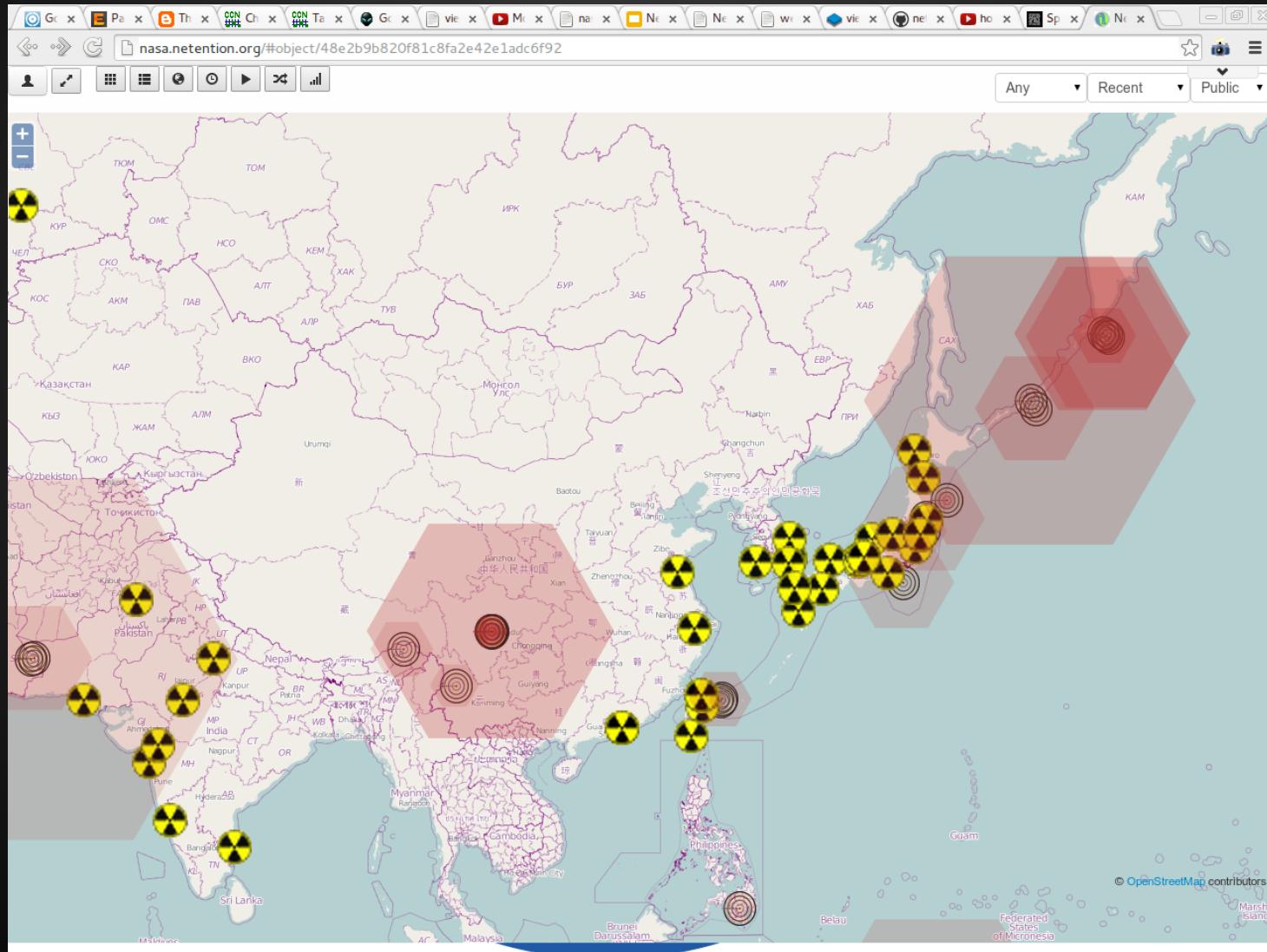
Describing potentials

Netention realizes one's goals based on their desires and translates them into tangible outcomes in one's own network.

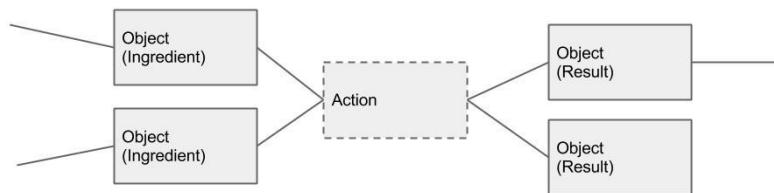
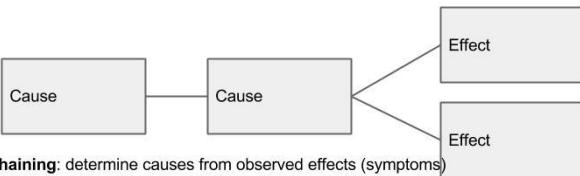


Sensors and Real-time Data

Example: Earthquakes and Nuclear Reactors



'Ingredient/Result graph' = 'Problem/Solution graph'



Material States ("Objects", "Materials")

- describe the qualities of matter



Actions ("Procedures", "Techniques")

- describe means for transforming materials into different states
 - required quantity of each ingredient
- may involve one or more Tools
- may include instructions to human readers. when unknown, provides space for completion at a later time

- Substitute alternate materials or tools based on local availability
- Modular graphs can be re-used for different results

Material Examples

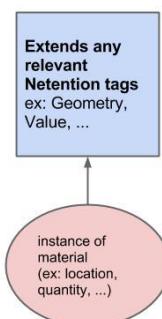
- Tree
- Log
- Board
- Stool
- Pant
- Planned Stool
- Steel Frame
- Brakes
- Handlebars
- Sail
- Painted Frame
- Chain Drive
- Wheels
- Bike
- Steel Plate
- Steel Tube
- Brazing Rod
- Dropouts
- Steel Lugs
- Painted Tubes
- Bamboo
- Bamboo Tubes
- Wood Cores
- Dropouts
- Hemp Fiber
- Epoxy
- ...

Action Examples

- Assembly
- Painting
- Water-jetting
- Cutting
- Sawing
- Comprapping
- Brazing
- ...

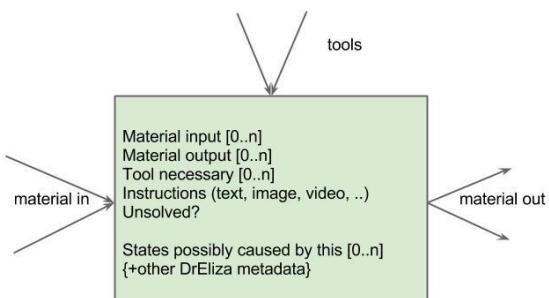
State ("Objects", "Material State", ...)

- describe the qualities of matter, energy, information, mind, society, etc...



Action ("Procedures", "Techniques")

- describe means for transforming materials into different states
 - required quantity of each ingredient
- may involve one or more Tools
- may include instructions to human readers. when unknown, provides space for completion at a later time



Possible to create objects that involve both State and Action tags

Create...

Manufacturables

- Food
- Relationships
- Education
- Social Organizations
- Jobs
- Healthcare
- Education
- Communication
- Housing Situations
- Scientific Experiments
- Waste Removal and Recycling
- Energy Generation
- Art (Fine Art, Music, and Performances)
- Mental States
- ...

How to play ?

- **Ontology Engineers**

Building an exhaustive ontology of actual technologies and engineering solutions considering space travel, covering every aspect of it.

- **Hackers**

Building bridges to actual services or creating interfaces to facilitate integration of data through serious games.

- **Scientists**

Easy sharing of recipes and processes to reproduce experiments to facilitate global collaboration on scientific research and opening it to independant researchers.

- **Astronomers**

Crowdsourcing of photos and movies with time/space location to mutlipy the perspectives of sky watching.

- **Strategy Gamers**

try different scenarios and approaches, combine the elements in the most efficient in terms in environment impact, time, cost, etc...

- **Survival / Permaculture / Resilience Experts**

Build ontologies of plants, permaculture techniques, hostile environment survival... Off-the grid solutions. Experiments that provide a sustainable life on earth with little to no resources are the solutions that will likely be needed in space.

- **Educators**

Space exploration is a challenge that will need us to bring the best we can, including bringing an accessible and free education everywhere on earth. The problem solvers that don't have access to these knowledge may well be the ones humankind needs to reach the stars.

Potential further development

- **Open-source Card / Board Game**

Each netention object can be considered as a card and each netention tag as a card property. Once a complete library of objects has been created, it can easily be turned into printable cards, allowing anyone to play. Card decks can be automatically updated as soon as a new technology, device, or any object is created in the system.

- **Universal ontology**

It is possible to describe an object at different levels of complexity, from the molecular level to the complex manufactured object, and describe all the processes involved. This can document every human action and creation, allowing a comprehensive transmission of digestible knowledge.

See: NASA Semantic Web Earth and Environmental Terminology (SWEET) Ontology (OWL)

<http://sweet.jpl.nasa.gov/>

LINKS

Netention Website

<http://www.netention.org//>

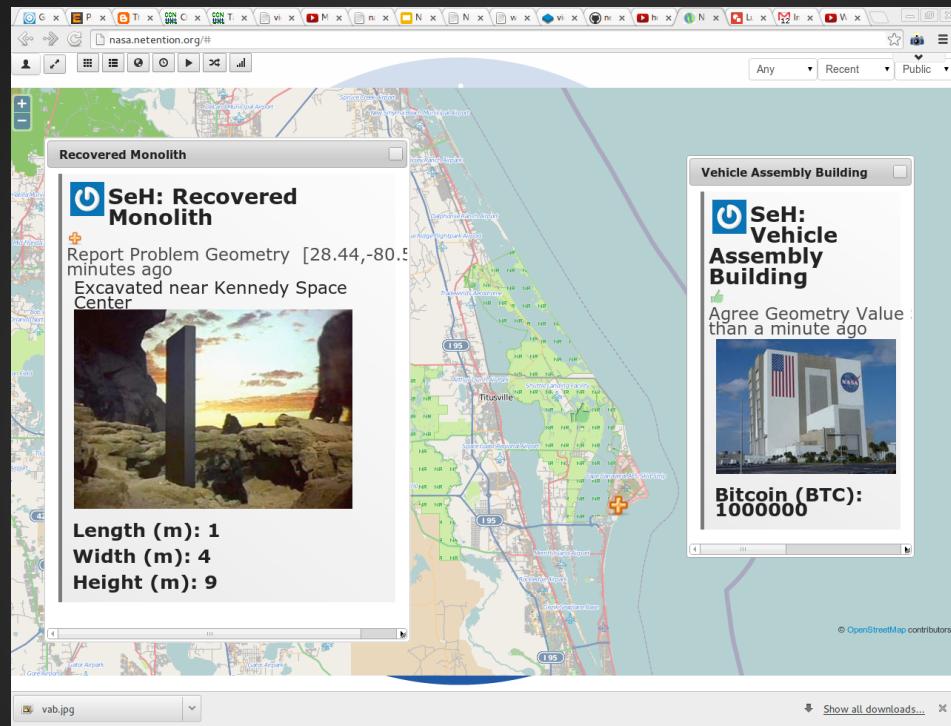
Netention Prototype

<http://nasa.netention.org>

Source Code

<https://github.com/automenta/netentionjs2>







SeH

- X

SeH

Human User [40.44,-80.01] less than a minute ago
Current Role: Lunar Industry Mission Developer

Anonymous

Human User 1 minute ago

SeH: SpaceApps Challenge Twitter

Interest in Twitter Hashtag 1 minute ago
Twitter Hashtag: #SpaceApps

Nirgal

Human User [0.03,-0.04] 5 minutes ago
This is a description

M 5.3, Kuril Islands Earthquake

RSS Item Earthquake [50.02,157.41] about 2 hours ago
April 20, 2013 13:18:08 GMT
RSS Item URL: <http://earthquake.usgs.gov/earthquakes/recenteqsww/Quakes/usb000gcma.php>
Magnitude: 5.3
Depth (m): 9600

M 6.1, Kuril Islands Earthquake

RSS Item Earthquake [50.14,157.22] about 2 hours ago
April 20, 2013 13:12:51 GMT
RSS Item URL: <http://earthquake.usgs.gov/earthquakes/recenteqsww/Quakes/usb000gcls.php>
Magnitude: 6.1
Depth (m): 20200

M 5.4, Bouvet Island region Earthquake



nasa.netention.org/#

Any Recent Public

SeH

Human +Current
Role +Biography +Birthdate +Male +Female +E-Mail +Friend +Trusts +Parent

User

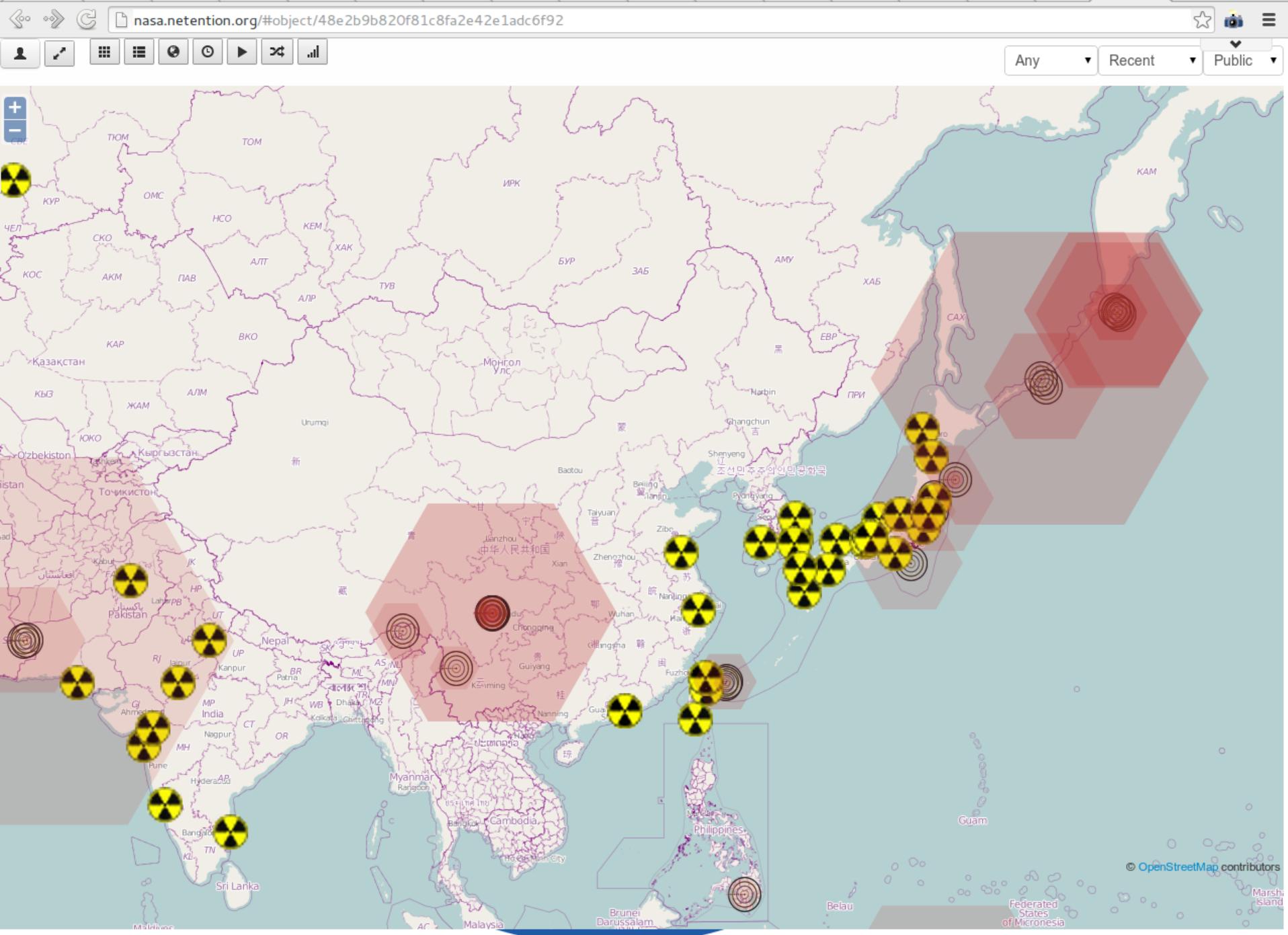
Where Earth Altitude

Current Role
Lunar Industry Mission Developer

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A map showing the locations of numerous nuclear power plants or facilities across the Eastern United States and parts of Canada and Mexico. The map includes state/province boundaries and city names. A network overlay is visible, with green and red areas and a dotted line.



nasa.netention.org/#

Relevant Recent Public

SeH

Human
+Current
Role +Biography +Birthdate +Male +Female +E-Mail +Friend +Trusts +Parent

User

OpenStreetMap contributors

Where Earth Altitude

Current Role
Lunar Industry Mission Developer

Friend
Nirgal

SeH

Human User [40.48,-80.08] less than a minute ago

Current Role: Lunar Industry Mission Developer

Friend: Nirgal

Anonymous

Human User less than a minute ago

Nirgal

Human User [0.00,0.00] about 6 hours ago

Current Role: Lunar mission developper

E-Mail: znirgal@gmail.com

SeH

Human User [40.48,-80.08]

Current Role: Lunar Industry Mission Developer

Friend: Nirgal

Nirgal

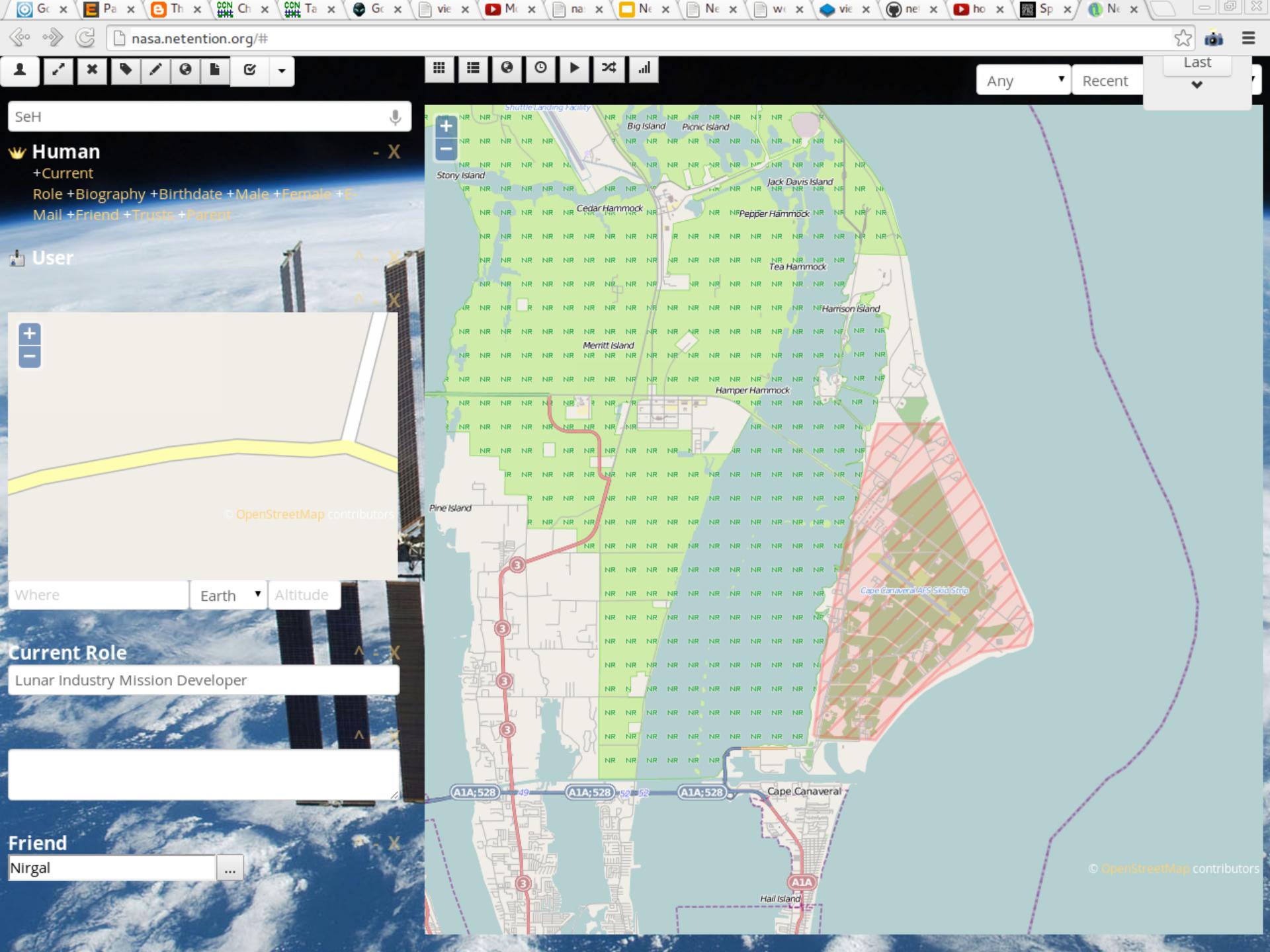
Human User [0.00,0.00]

Current Role: Lunar mission developper

E-Mail: znirgal@gmail.com

The image shows a web browser window with a dark theme. The background of the entire screen is a photograph of the International Space Station (ISS) against the backdrop of Earth's horizon and clouds. Overlaid on this background are several user interface elements:

- Top Bar:** A standard browser top bar with tabs, a search bar containing "nasa.netention.org/#", and a toolbar with various icons.
- User Profile:** On the left, a sidebar for a user named "SeH". It includes a profile picture, a "Human" status indicator, and a "User" section. Below this is a "Where" dropdown set to "Earth" and an "Altitude" input field. A "Current Role" section shows "Lunar Industry Mission Developer".
- Search and Filter:** A sidebar on the right with a search bar, a "Relevant" dropdown, and a "Recent" button.
- Post Area:** The main content area displays posts from other users:
 - SeH:** "Current Role: Lunar Industry Mission Developer" (1 minute ago)
 - Friend: Nirgal:** "Friend: Nirgal" (1 minute ago)
 - Anonymous:** "Anonymous" (1 minute ago)
 - Nirgal:** "Current Role: Lunar mission developer" (about 6 hours ago)
- Bottom Sidebar:** A sidebar at the bottom with a "Friend" section containing "Nirgal" and a "..." button.



I feel...

Any Recent Public

CRYSTAL RIVER Nuclear Facility

CRYSTAL RIVER Nuclear Facility

Nuclear Facility [28.96,-82.70]

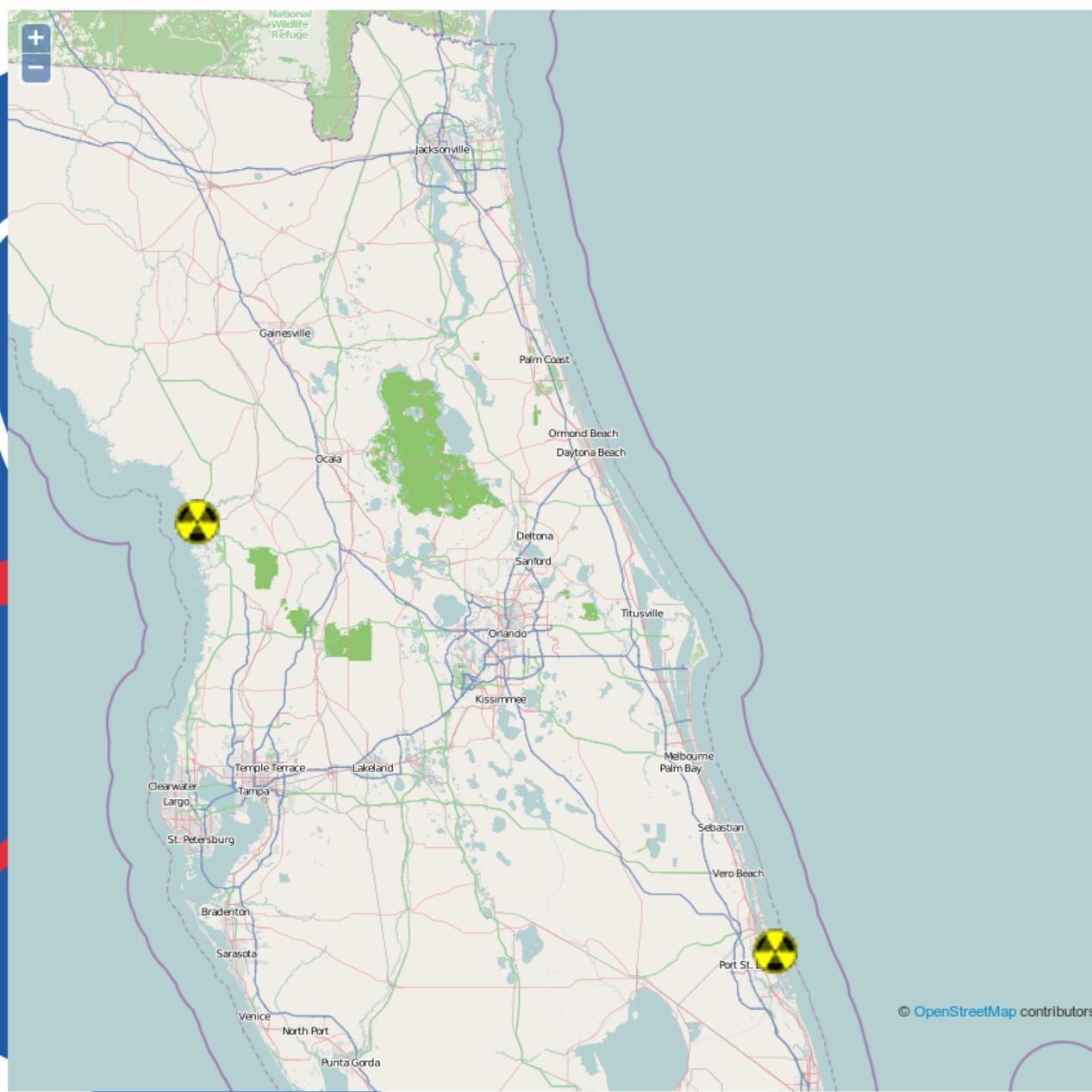
Active Reactors: 1

ST. LUCIE Nuclear Facility

ST. LUCIE Nuclear Facility

Nuclear Facility [27.35,-80.25]

Active Reactors: 2



© OpenStreetMap contributors

Too many: 1..75 of 397 Any Recent Public

I want...

@ftairou: Lentement mais sûrement la journée tire à sa fin ici #AppsCoo #Spaceapps

@ftairou:
Lentement
mais sûrement
la journée tire
à sa fin ici
#AppsCoo
#Spaceapps

Tweet @
Message about 6 hours ago

Twitter Author: ftairou

@lemnoslabs: First hackers at the NASA #spaceapps challenge in San Francisco! http://t.co/0DbdxDgTAK

Tweet @
Message about 6 hours ago

Twitter Author: lemnoslabs

@razvigor: RT @martincco: We'll try some team-building activities to move a bit #SpaceAppsSkopje #SpaceApps http://t.co/4tXCjjaWdx

Tweet @
Message about 6 hours ago

Twitter Author: razvigor

@jonmarkgo: RT @twilio: We can't wait to see how Twilio is used at #spaceapps this weekend. Find @jonmarkgo in the red hoodie in NY for help! http://t.co/olk19xMq29

Tweet @
Message about 6 hours ago

Twitter Author: jonmarkgo

@Cosmosium: RT @CNES_France: Pictures of #SpaceApps teams in Paris : http://t.co/NtohDQ8YWE @spaceapps

Tweet @
Message about 6 hours ago

Twitter Author: Cosmosium

@ctrevizog: #spaceapps #spaceappsgdl just started

Tweet @
Message about 6 hours ago

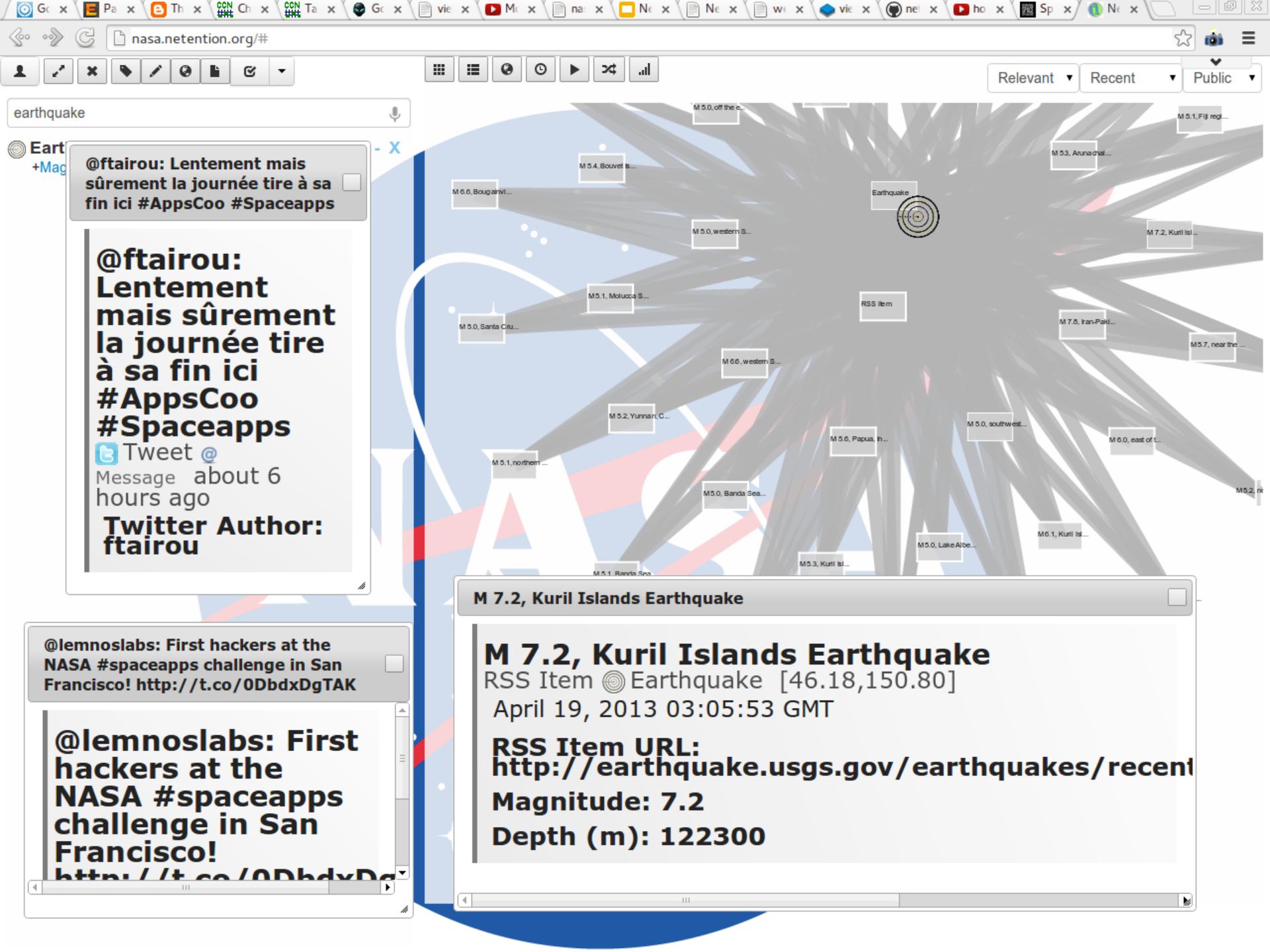
Twitter Author: ctrevizog

@puco90: Ready to start! #SpaceAppsGT #SpaceApps

Tweet @
Message about 6 hours ago

Twitter Author: puco90

nasa.netention.org/#

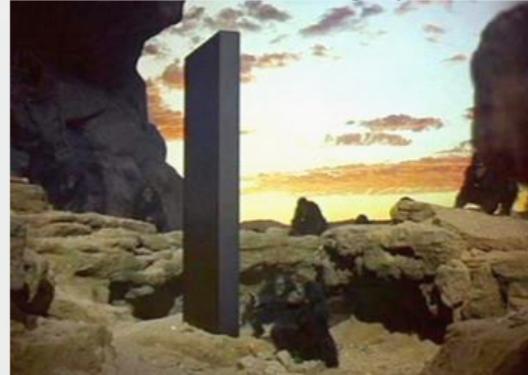


I wonder... 

Too many: 1..75 of 397 Any Recent Public

SeH: Recovered Monolith

Problem + Report Geometry [28.44,-80.58] less than a minute ago
Excavated near Kennedy Space Center



Length (m): 1
Width (m): 4
Height (m): 9

Nirgal
Human User [48.21,6.57] 8 minutes ago
Current Role: Lunar mission developer
E-Mail: znirgal@gmail.com
Friend: SeH

Anonymous
Human User 11 minutes ago

SeH
Human User [40.48,-80.08] about 1 hour ago

Comment Report More Details

nasa.netention.org/#object/438143082dd97e12035bee95bee8f2

Too many: 1..75 ~ 200 Anv Recent Public

Saved

SeH: Vehicle Assembly Building

Agree Geometry Value Solution Goal [28.59,-80.65] less than a minute ago

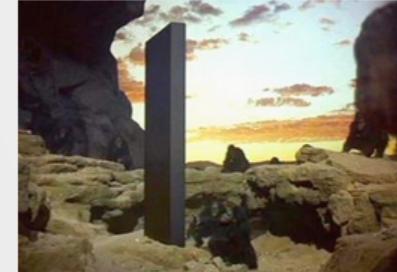


Bitcoin (BTC): 1000000

SeH: Recovered Monolith

Report Problem Geometry [28.44,-80.58] 4 minutes ago

Excavated near Kennedy Space Center



Length (m): 1

Width (m): 4

Height (m): 9

Nirgal

Human User [48.21,6.57] 14 minutes ago

nasa.netention.org/#

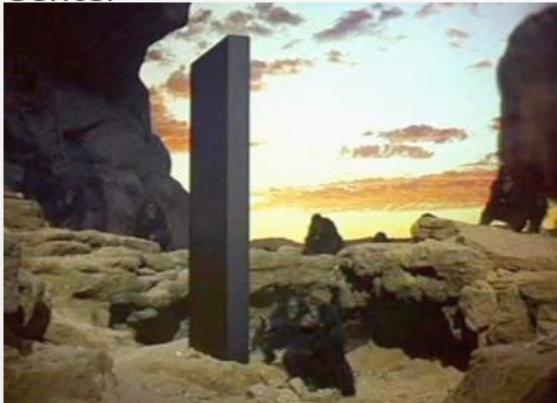
Any Recent Public

Recovered Monolith

SeH: Recovered Monolith

+ Report Problem Geometry [28.44,-80.5] minutes ago

Excavated near Kennedy Space Center



Length (m): 1
Width (m): 4
Height (m): 9

Vehicle Assembly Building

SeH: Vehicle Assembly Building

Agree Geometry Value : than a minute ago

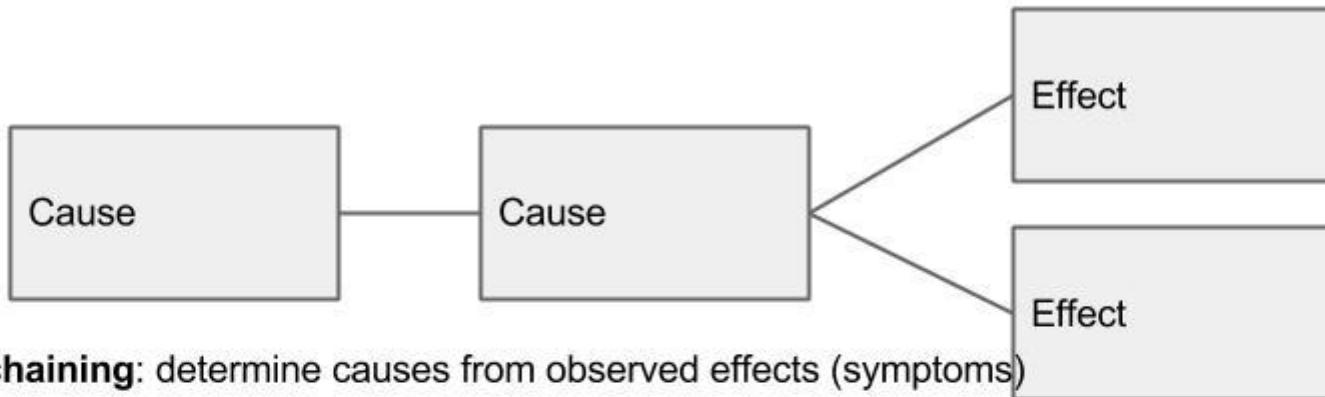


Bitcoin (BTC): 1000000

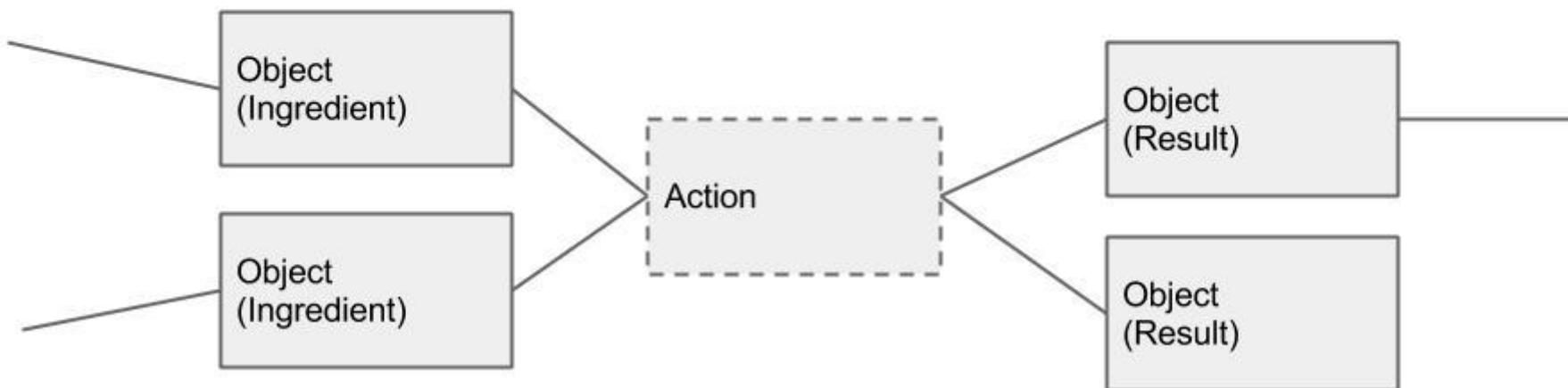
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A screenshot of a web browser showing a map of Central Florida with various locations highlighted. A large green polygon covers most of Brevard County, including Titusville and the Cape Canaveral area. A purple polygon covers parts of Volusia and Orange counties. A yellow polygon covers parts of Brevard and Seminole counties. Numerous airports and roads are labeled, such as Deland Municipal Airport, Spruce Creek Airport, New Smyrna Beach Municipal Airport, Kissimmee Ranch Airport, Daphne Ranch Airport, We Ridge Flightpark Airport, TradeWinds Aerodrome, Arthur Dunn Air Park, Space Coast Regional Airport, and Merritt Island Airport. Major highways I-95 and SR 42 are also visible.

'Ingredient/Result graph' = 'Problem/Solution graph'



backward chaining: determine causes from observed effects (symptoms)

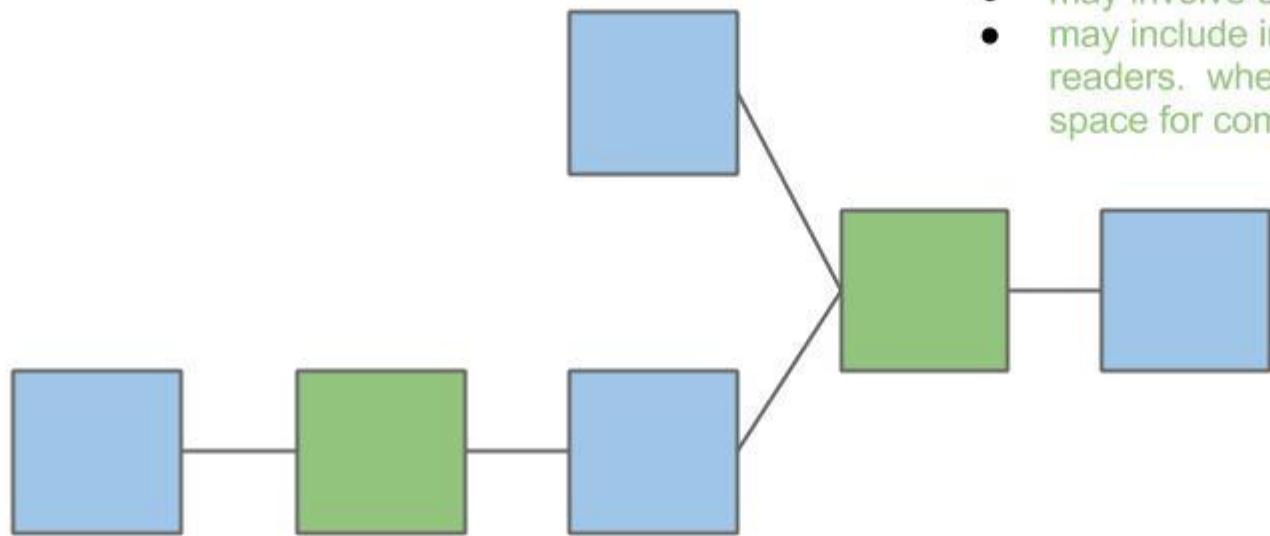


forward chaining: determine possible results given known ingredients

backward chaining: determine necessary ingredients for desired results

Material States ("Objects", "Materials")

- describe the qualities of matter



Actions ("Procedures", "Techniques")

- describe means for transforming materials into different states
 - required quantity of each ingredient
- may involve one or more **Tools**
- may include instructions to human readers. when unknown, provides space for completion at a later time

- *Substitute alternate materials or tools based on local availability*
- *Modular graphs can be re-used for different results*

Material Examples

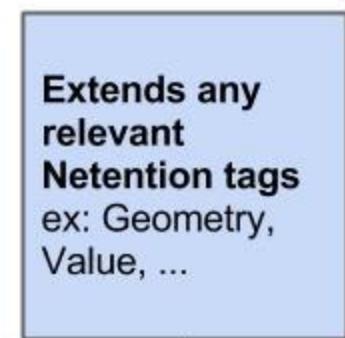
- Tree
 - Log
 - Board
 - Stool
 - Paint
 - Painted Stool
 - Steel Frame
 - Brakes
 - Handlebars
 - Seat
 - Painted Frame
 - Chain Drive
 - Wheels
 - Bike
- Steel Plate
 - Steel Tube
 - Brazing Rod
 - Dropouts
 - Steel Lugs
 - Frame Tubes
 - Bamboo
 - Bamboo Tubes
 - Wood Cores
 - Dropouts
 - Hemp Fiber
 - Epoxy
- ...

Action Examples

- Assembly
 - Painting
 - Water-jetting
 - Cutting
 - Sawing
 - Compwrapping
 - Brazing
- ...

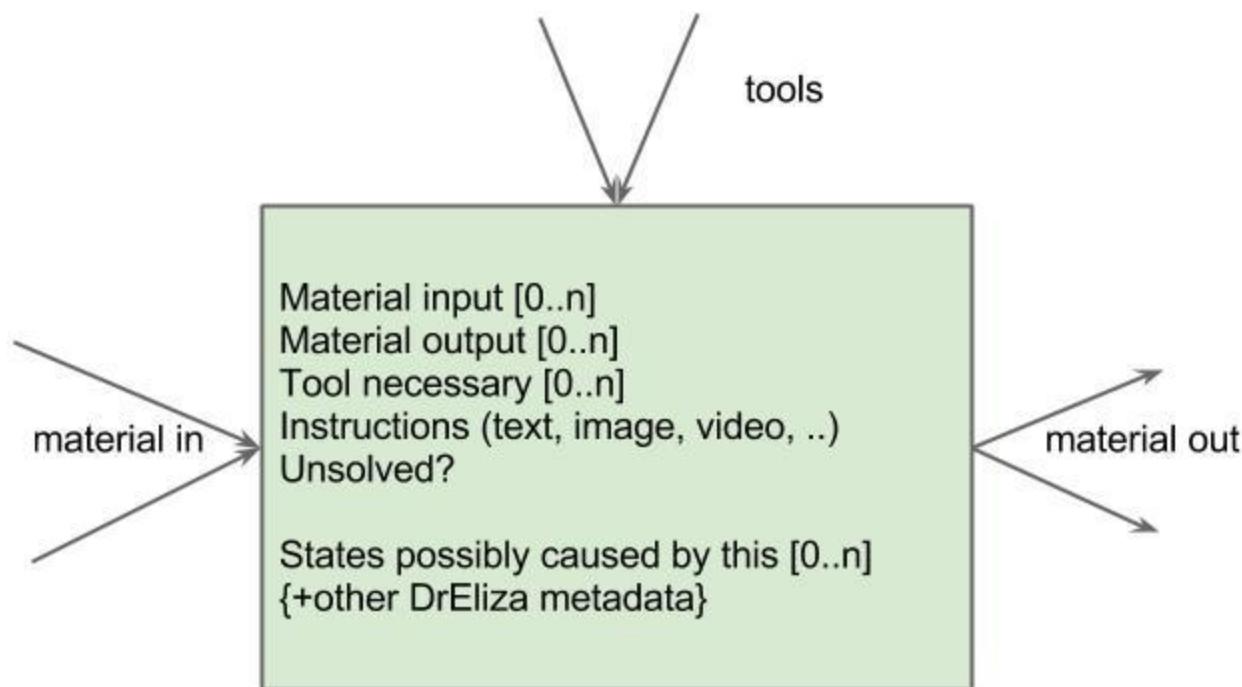
State ("Objects", "Material State", ...)

- describe the qualities of matter, energy, information, mind, society, etc...

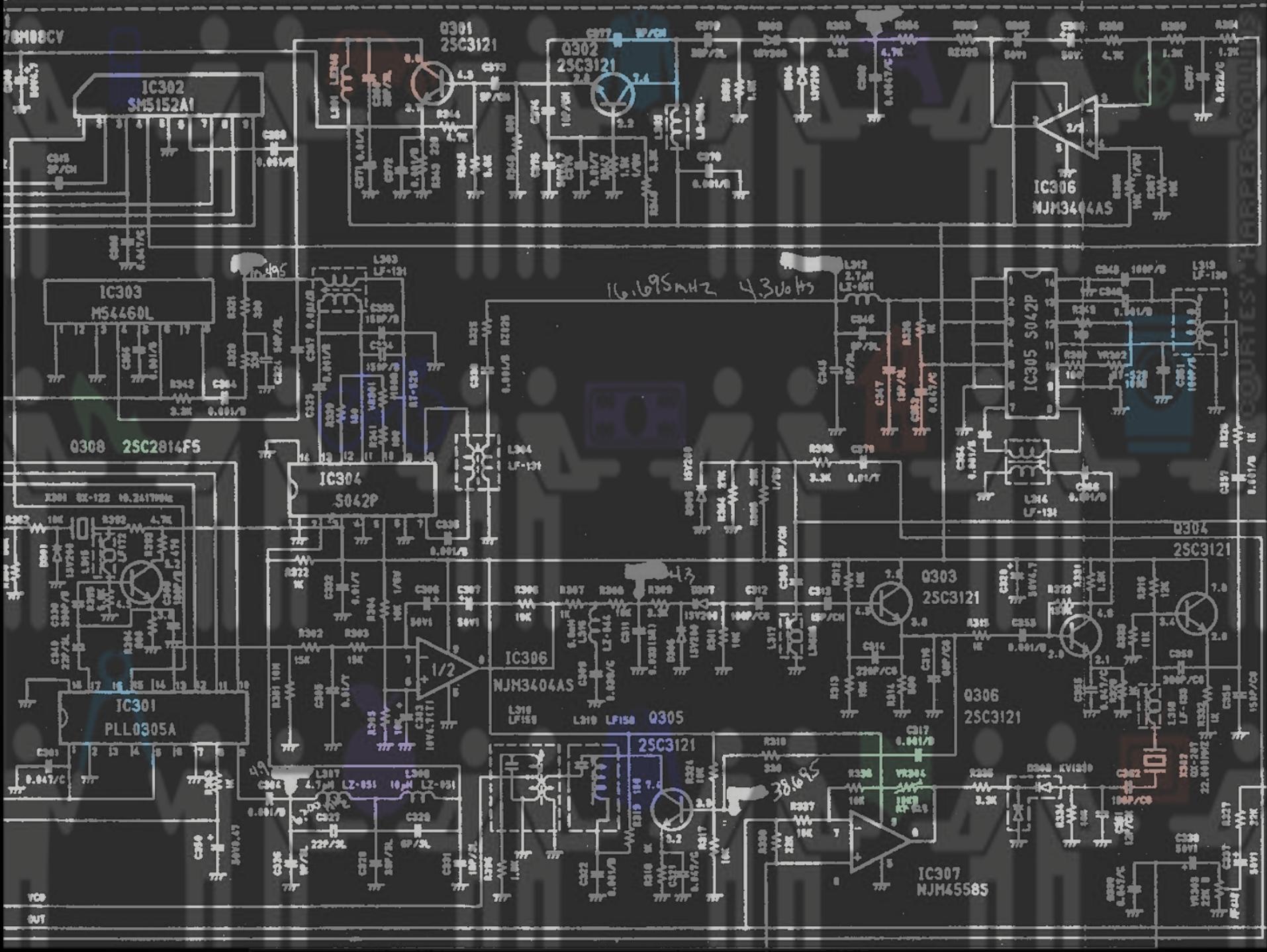


Action ("Procedures", "Techniques")

- describe means for transforming materials into different states
 - required quantity of each ingredient
- may involve one or more **Tools**
- may include instructions to human readers. when unknown, provides space for completion at a later time



Possible to create objects that involve both State and Action tags

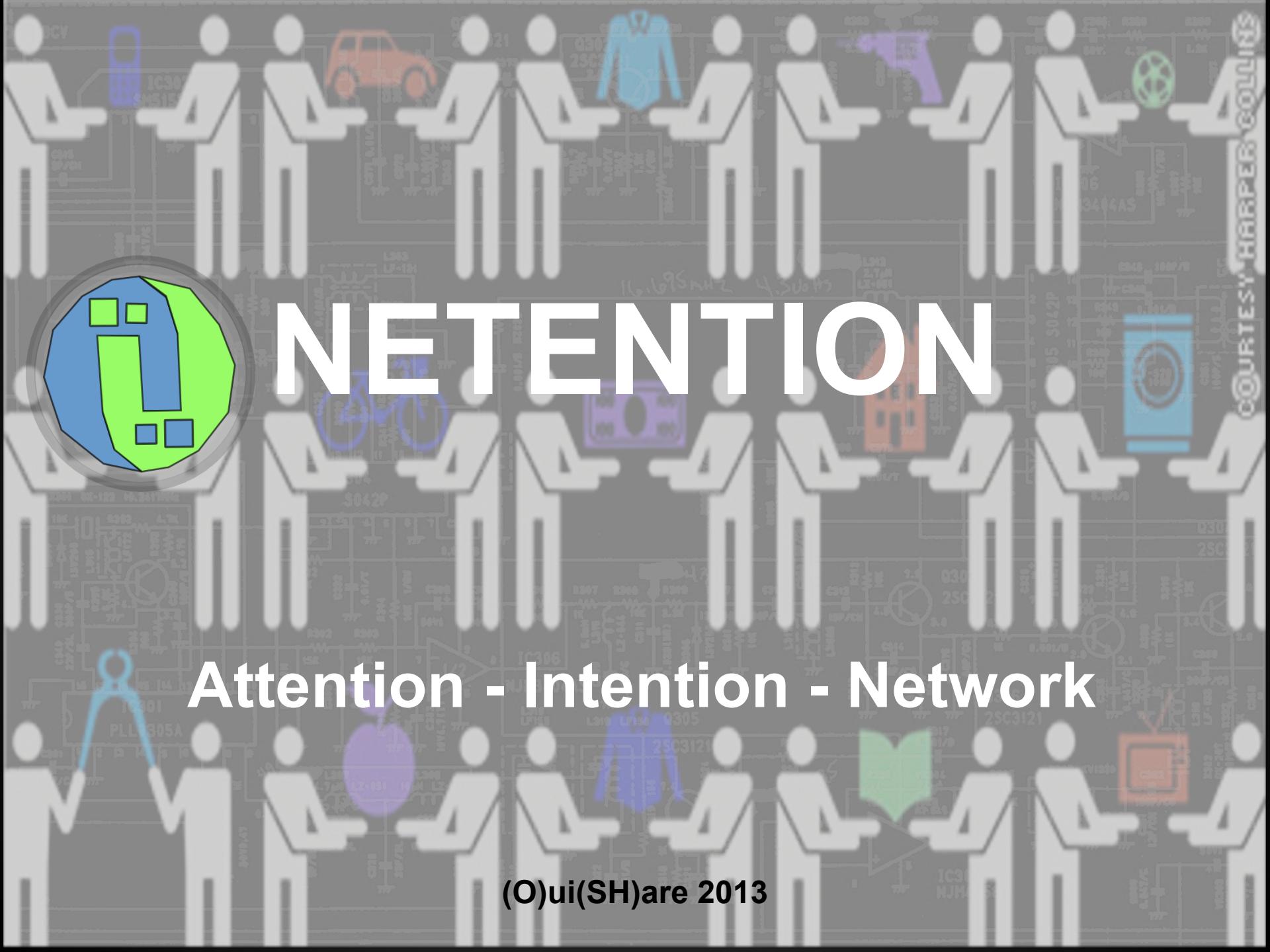




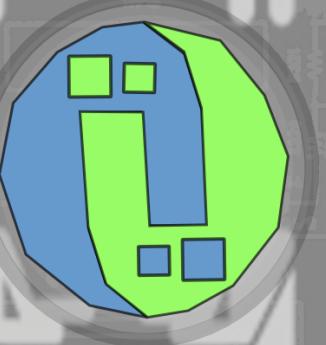
Netention

Attention - Intention - Network

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