ImageSnippets allows the creation and editing of new and existing metadata and saves the metadata in HTML + RDFa (and publishable triple stores/named graphs)

Resource Description Framework (RDF) (+a means plus attributes) ---) (an HTML meaning of word ‘attribute’)

a machine readable computer language for the web

‘linked data’ ‘structured data ‘machine-readable’

building blocks of what is referred to as

‘big-data’
What is Linked Data?
By September 2011 this had grown to 31 billion RDF triples, interlinked by around 504 million RDF links.

The Web enables us to link related documents. Similarly it enables us to link related data. The term Linked Data refers to a set of best practices for publishing and connecting structured data on the Web. Key technologies that support Linked Data are URIs (a generic means to identify entities or concepts in the world), HTTP (a simple yet universal mechanism for retrieving resources, or descriptions of resources), and RDF (a generic graph-based data model with which to structure and link data that describes things in the world).

(Contributor: Tom Heath, including excerpts from Bizer, Heath and Berners-Lee (2009))
Linked *data*, not data silos

![Diagram of linked data](image-url)
linked data tagging offers improved metadata transport and interoperability with ANY semantically-aware application...can be queried with a standardized set of tools (SPARQL)

no API's necessary
Triple-Tags have:

* a subject, a property and an object

The **subject** of the image can either be the image or a region in the image.

The **property** describes how the keyword relates to the image, such as: "depicts" or "shows".

The **object** is like a normal keyword phrase or tag, such as: "Burt Reynolds" or "Björn Waldegård."
So What Does This Really Mean???
this image depicts a mural

Region A depicts a shadow

[subject] [relation] [value]
Disambiguate
Use Properties (relationship of the tag/keyword to the image)

Matches

llo:depicts (1 matches)  more

llo:hasSetting (6 matches)  more
embedded metadata also written as ‘linked data’ triples
Collaboratively Build Datasets

Can also use/import/customize other datasets –

for properties and object values (keywords)
By selecting a “Dbpedia Ontology” entry in the look-up, the advanced search can take advantage of some machine ‘reasoning’.

Bird

- Birds are feathered, winged, bipedal, endothermic, egg-laying, vertebrate animals. With around 10,000 living species, they are the most speciose class of tetrapod vertebrates. All present species belong to the subclass Neornithes, and inhabit ecosystems across the globe, from the Arctic to the Antarctic. Extant birds range in size from the 5 cm (2 in) Bee Hummingbird to the 2.75 m (9 ft) Ostrich.

Bird's-eye view

- A bird's-eye view is an elevated view of an object from above, with a perspective as though the

Images:
- DSC02307.JPG
- im5147.jpg
- max_weil.jpg
- P1070335.jpg
- DSC00731.JPG
- im5295.jpg
- im5367.jpg
- im5278.jpg
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- im5283.jpg
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Google Rich Snippets

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Reserve online. Más información sobre este hotel Hesperia Del Port, Hotel en Barcelona. Descubre la ciudad desde el comodidad de este hotel en el centro de ...
Share file with all data as an html file
The net result is that both the traditional and semantic metadata can be distributed as a 'wrapper' around the image and then dynamically updated regardless of where the image might be in use across the web.