



NATIONAL
ENDOWMENT
FOR THE
HUMANITIES



tagasauris

**Museum of the City of New York and Tagasauris Inc.
National Endowment for the Humanities Digital Humanities Start-up Grant**

**“Improving Digital Record Annotation Capabilities with
Open-sourced Ontologies and Crowd-sourced Workers”**

Society of American Archivists Annual Meeting
August 7, 2012
San Diego, CA

PROBLEM

MCNY had no scalable solution for describing and managing its tremendous amount of cultural heritage information.



SOLUTION

With support from the NEH, Tagasauris has partnered with MCNY on a Digital Humanities Start-up Grant to implement a proposed solution by using **crowdsourcing**, **machine processes**, **collective intelligence** and **semantic web technologies** to generate web scale metadata that unlocks the value in the heritage data.

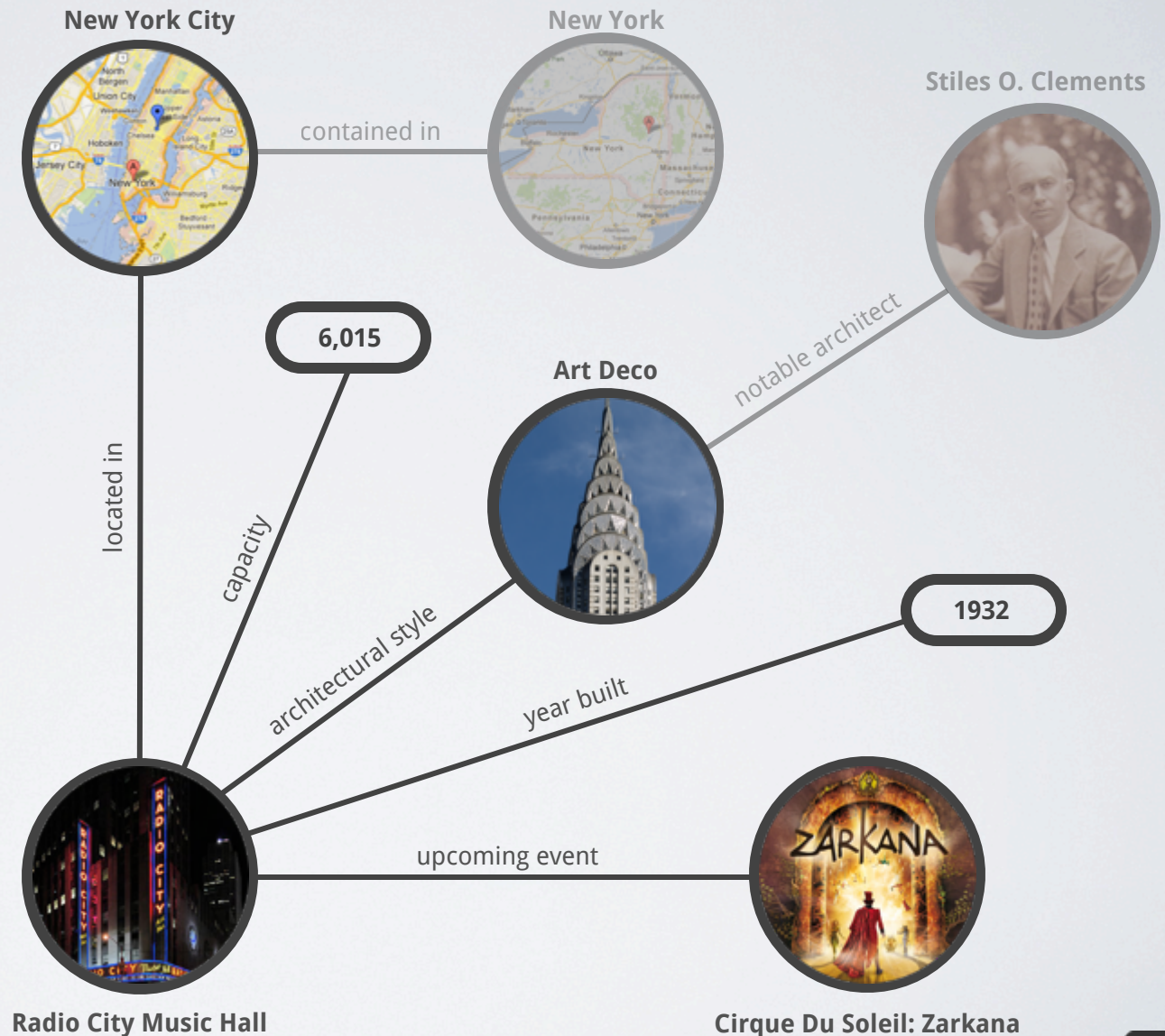


SEMANTICS

MCNY content will be more discoverable, connected and engaging because all the metadata will be linked to the global knowledge graph.



New York City Audience Theatre Stage
Interior design Full length Auditorium
Aerial view Person Horizontal Crowd
Group of people **Radio City Music Hall**



RESULTS

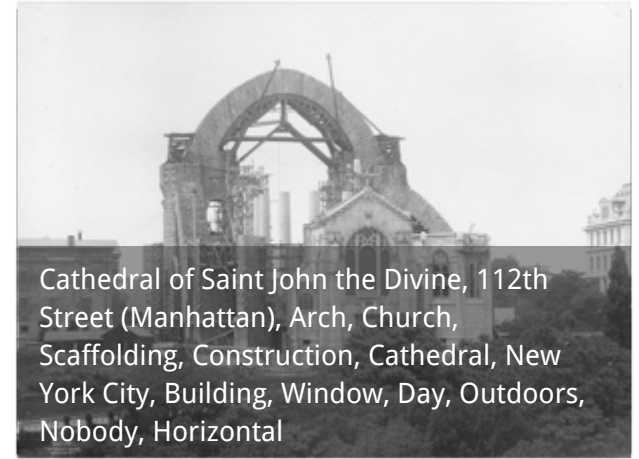
Tagasauris has configured a targeted workflow for MCNY that uses both machine and human computing to collect relevant metadata.



Madison Avenue,
Building, Window,
Skyscraper, Automobile,
New York City, Outdoors,
Day, Nobody, Vertical



Person, Radio City Music Hall, Stage,
Audience, New York City, Interior design,
Crowd, Theatre, Auditorium, Group of
people, Full length, Aerial view, Horizontal



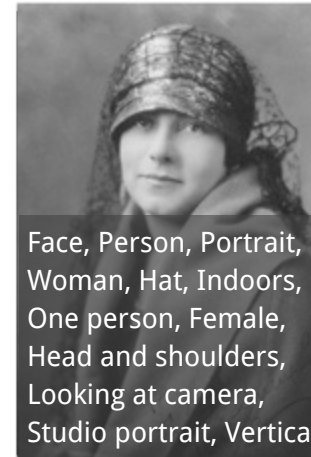
Cathedral of Saint John the Divine, 112th
Street (Manhattan), Arch, Church,
Scaffolding, Construction, Cathedral, New
York City, Building, Window, Day, Outdoors,
Nobody, Horizontal



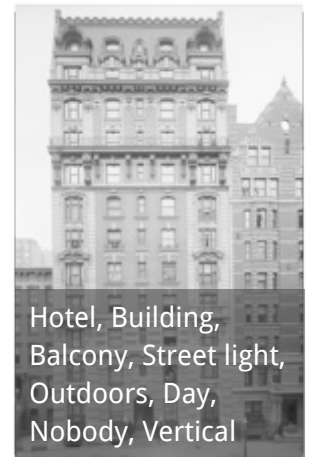
Happy, Smile, Face, Group, Postcard, Child,
Sibling, Black and white, Photograph, Toddler,
Bench, Outdoors, Three people, Male, Female,
Infant, Full length, Looking at camera,
Horizontal



Fifth Avenue, Tree, Sky,
Building, New York City,
Day, Outdoors, Person in
background, Vertical



Face, Person, Portrait,
Woman, Hat, Indoors,
One person, Female,
Head and shoulders,
Looking at camera,
Studio portrait, Vertical



Hotel, Building,
Balcony, Street light,
Outdoors, Day,
Nobody, Vertical

TASKS

Each task that is processed through crowdsourced workers is optimized to ensure quality results.


61% PROGRESS

Caption ▾

Dashboard


Chat ³

Instructions

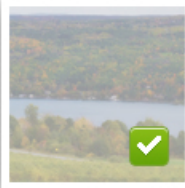


What are the photo styles of this image?


For each style, click the check-mark if the style applies to the image and the x-mark if it doesn't.



COLOR



LANDSCAPE



AERIAL VIEW

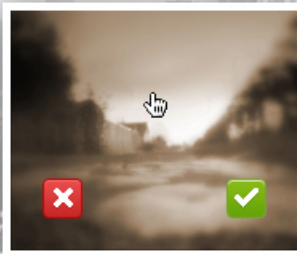




PHOTO STYLE:
SEPIA


A reddish-brown color associated particularly with monochrome photographs of the 19th and early 20th centuries.



HISTORICAL

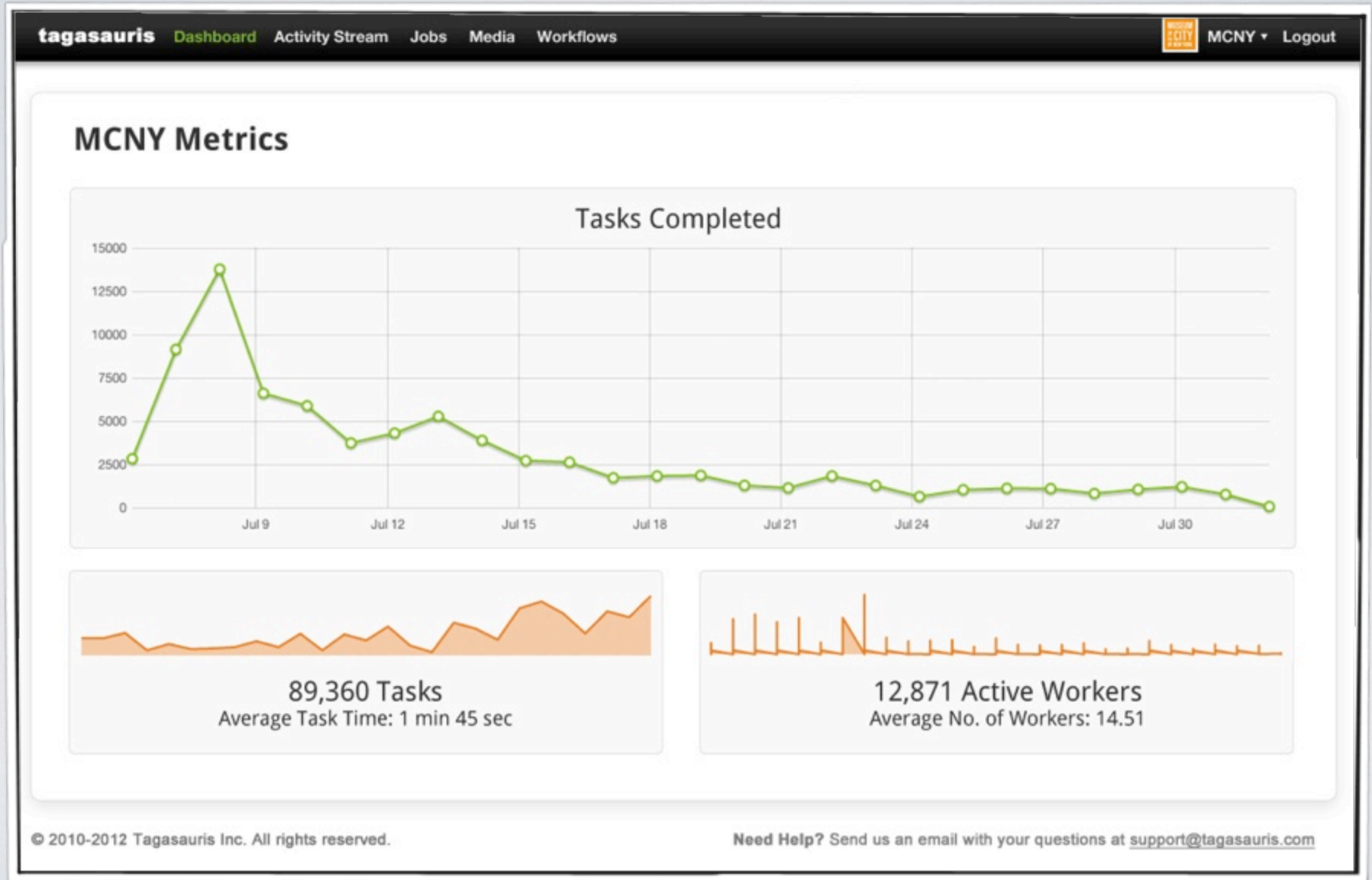


GROUP



TASK STATS

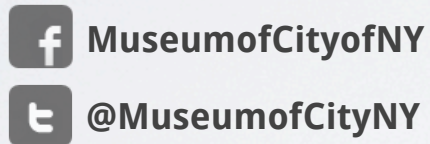
High degree of worker interest and engagement in humanities oriented tasks.



CONTACT



mcny.org
info@mcny.org



tagasauris

tagasauris.com
info@tagasauris.com

