GitHub for algorithms
Cloud platform for sharing and running algorithms

Simon Adar
CEO
Tell you something about your customers

They don’t want to read long, unclear PDFs anymore!
They say...

Twit it!

Twitting, twitting, twitting, twitting, twitting, twitting...

and just let me play with it!
I’m one of them
50 MILLION Scientists & Engineers are lost...

About 2,040,000 results (0.04 sec)
Different operating systems and programming languages

- Python
- MATLAB
- R
- Windows 8
- Linux
- Mac OS X
Avoid installation errors
Interact and play with the algorithm
Use the power of cloud
PRODUCT CHARACTERISTICS & UNIQUE TECHNOLOGY

CLOUD BASED PLATFORM
WEB INTERACTIVE INTERFACE
SCALABLE COMPUTING POWER
CPU AND MEMORY USAGE PREDICTION SMART RESOURCE ALLOCATION
AlgoSharing

Algorithms Done Differently
Share & Run algorithms in the cloud.

AlgoSharing is an easy-to-use scalable platform that enables a new way to interact with algorithms, and focus on development instead of troubleshooting.
Run algorithms in Matlab, Python, R and Octave in the cloud.
Share and find algorithms that suit your needs in our online marketplace.

Discover
With AlgoSharing, you can access the best, up-to-date algorithms and speed up your scientific or industrial research.

Execute
Implement and evaluate algorithms on the spot, in an easy to use cloud environment. No need for dedicated hardware or software.

Share
Present your algorithms to other scientists and researchers. They, too, can execute and use your algorithm instantly, forging efficient and exciting collaborations.

Get Started For Free
Function Main_Wrapper_Matlab_Image_Negative_Func1( FileIn1, Param1, FileOut1, FileOut2, FileOut3)

% File name: Main_Wrapper_Matlab_Image_Negative_Func1
% K Author: Simon Adar
% Date: 19/11/2013
% K Algopoint Ltd.
% K Parameters in Algopoint are always strings!
if(ischar(Param1))
    Param1 = str2num(Param1);
end

% Call the main algorithm function
[X, y, Img] = Main_Matlab_Image_Negative_Func1(FileIn1, Param1);

% Save the output of the algorithm to output files
imwrite(Img, FileOut1, 'png');
save(FileOut2, 'x', 'y', 'Param1');

% Plot the histogram of the input image and save the figure
figure('Visible', 'off')
bar(x)
plot(y)
save(FileOut3, 'png');
Publishers evolve from print to web companies
OECD 2012 annual report says:

“… Open science requires adequate information and communication technology (ICT) infrastructure”
Elsevier innovation challenge

Winner: “One-Click-Reproduce”
Scientific knowledge transfer

Scientific Knowledge Transfer

Data + Code = PDF

Researchers

Algo Sharing

zenodo

DRYAD

IEEE

Taylor & Francis Group

ELSEVIER

Springer
Everybody is talking about
Beyond the PDF
and
article of the future

We are one step there..
and we want to work with you to get
even further
We're living in a world designed for and increasingly controlled by – algorithms
Time’s Up!

About your speaker:
Name: Simon Adar
Company: AlgoSharing
Tel:  +972-549225132
Email: simon@algosharing.com