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Les algorithmes non-géographiques pour la gestion des territoires

Marc Leobet
Chef du projet SmartPLU

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Geospatial to Employ Blockchain Technology

www.geospatialcorporation.com/press-release/geospatial

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ALL PRESS RELEASES

GEOSPATIAL CORPORATION TO INTEGRATE BLOCKCHAIN TECHNOLOGY WITH GIS PLATFORM TO SERVE THE GLOBAL OIL & GAS INDUSTRY

Providing Oil & Gas Related "3D Location, Management-and-Integrit

Pittsburgh Pennsylvania – January 24, 2018– Geospatial Corporation (OTCQB Syn

Company will be integrating Blockchain technology (the software behind Bitcoin

Bitcoin, blockchain and GIS could change the world : Geospatial Solutions

geospatial-solutions.com/bitcoin-blockchain-and-

Geospatial blockchain benefits

A company called FOAM is working to change that, creating a geospatially enabled blockchain using a crypto-spatial coordinate (CSC) system. Location in a FOAM blockchain doesn't just record a specific time, it also validates proof of location and gives a spatial context that regular blockchains lack.

This functionality creates an immutable digital connection to the physical world. Kristoffer Josefsson, CTO of FOAM Inc., confirms this, saying, "We can securely connect offline spaces to online assets."

If digital currencies based on blockchain technology are going to be considered a safe an viable medium for conducting business, they must include location. Blockchain's abilities what the world needs to curtail crime and corruption and be able to follow the money tra from whom and to where it flows.

"This is what we are working on at FOAM and believe that such a system is needed as crucial infrastructure in our decentralized future and can open new marketplaces of priv preserving location data." – John Ryan King, CEO, FOAM Inc.

Adding a geotag to a blockchain is like adding ribonucleic acid to a cell bringing it to life Something can't exist until it exists in time and space. A blockchain with a geospatial tag makes that possible and allows mapping of events in a temporal sequence. This inhibits criminal activity.

If a crime were committed using a geotagged blockchain, the location of the crime would immediately be known. The hash code from the blockchain would be extracted with a

Blockchain and Geo

https://www.geospatia

LOGS | VIDEOS | WEBINAR

Bitcoin, blockchain and GIS could change the world : Geospatial Solutions

geospatial-solutions.com/bitcoin-blockchain-and-

APPLYING THE POWER OF PLACE

Geospatial

FOAM: The Future of Geospatial Data, on the Ethereum Blockchain — Steemit

FOAM: The Future of Geospat

https://steemit.com/ethereum/@protegeaa/foam-the-fut

Rechercher

steemit beta

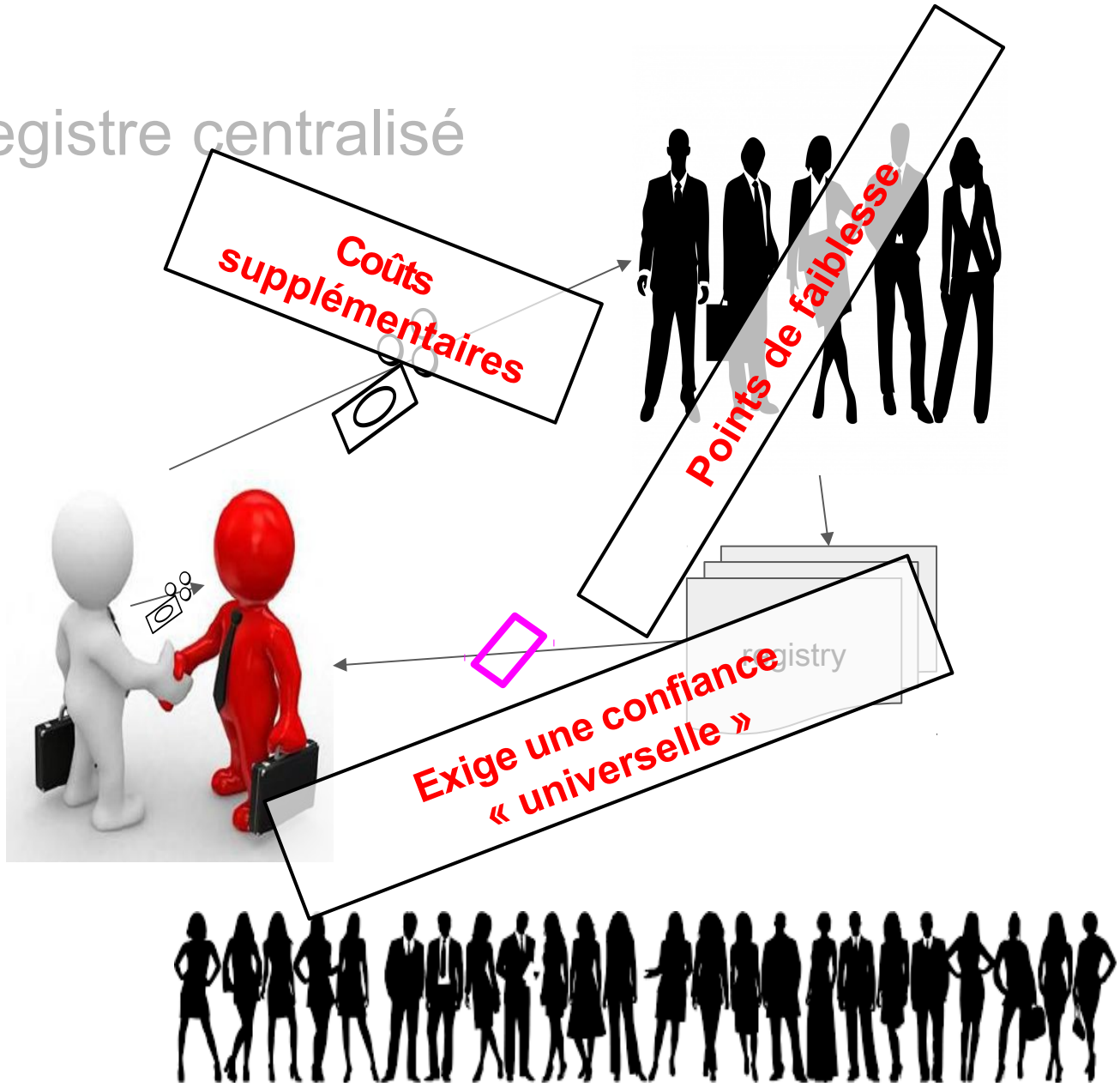
en vogue | nouveau | chaud | promu | Se connecter | S'inscrire

FOAM: The Future of Geospatial Data, on the Ethereum Blockchain

protegeaa (57) dans ethereum • il y a 9 mois

I'm super excited to introduce a project that has been ongoing for two years and is coming out of stealth mode. Before we get into the details on the project, it's helpful to review protocols and some basic blockchain concepts.

Registre centralisé



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Protocole décentralisé pour preuve de position

https://blog.foam.space/

Preuve de position confidentielle & authentifiée

Introduce geospatial standards in support to Ethereum

Geohash + adresse Ethereum : position dans l'espace physique en ligne et hors-ligne

http://dukelong.com/crypto-spatial-coordinates%E2%80%8A-the-open-location-stan
m/

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Blockchain with GIS platform for Oil & Gas Industry

GeoUnderground :

Geospatial's cloud-based GIS platform

- Google Maps API

A total solution to their underground and above-ground asset management and location needs.

http://www.geounderground.com/

http://www.geospatialcorporation.com/press-release/geospatial-corporation-integrate-blockchain-technology-gis-platform-serve-global-oil-gas-industry

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Quelques questions

Quelle gouvernance : blockchain privée/publique/consortium?

Une solution à la gestion données souveraines/biens communs ?

« Blockchains are evolving and it would be wise for the geospatial world to keep abreast of the technology, try out pilot applications and thus get in at the ground floor of what today appears to be a future game changer. »

Arup Dasgupta, Geospatial Media and Communications

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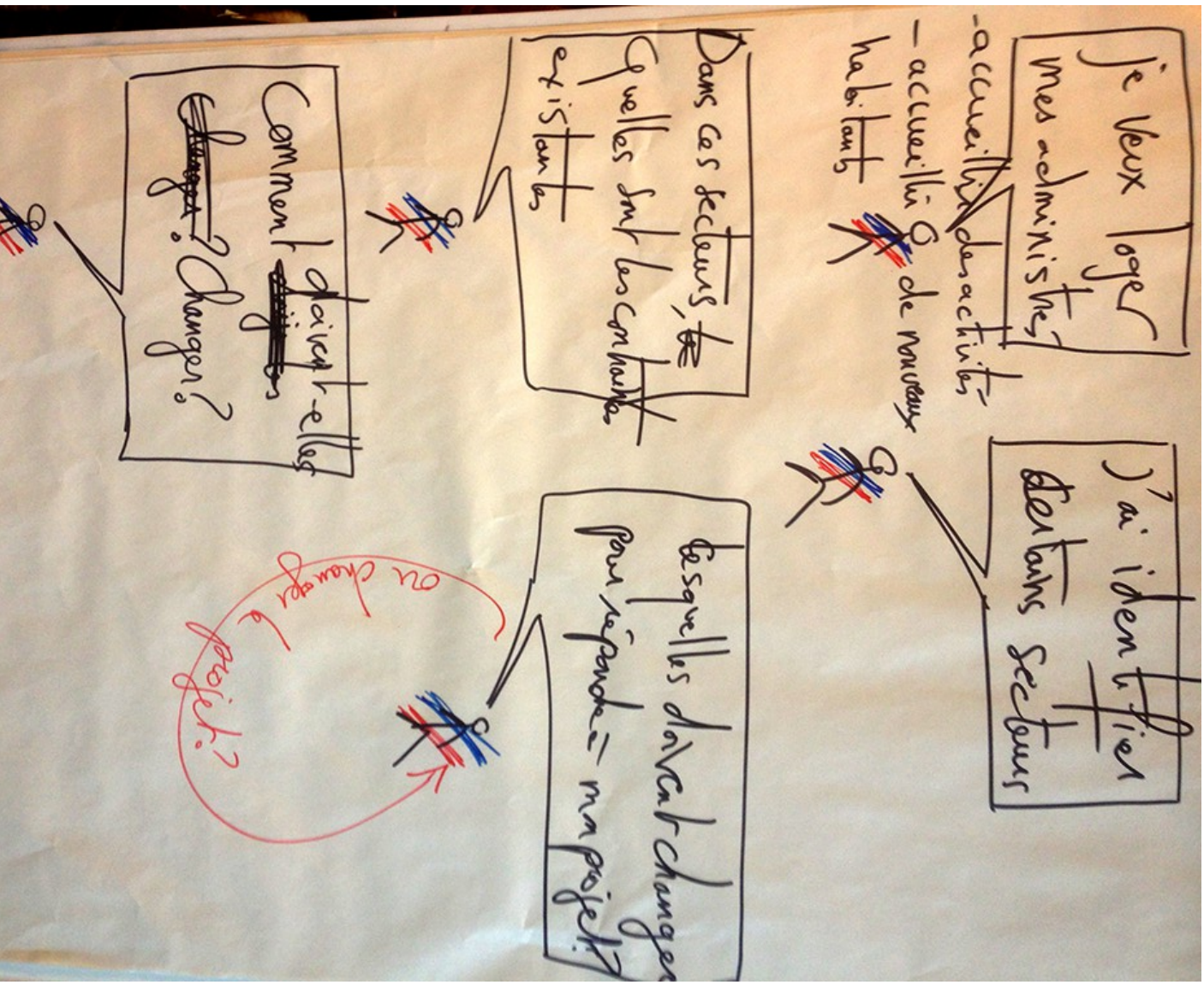
#HACKURBA

10 JANVIER 2017
PARIS — 9H-17H



Besoins exprimés

Je veux plus de logements en France

J'evalue les plans d'urbanisme en France

J'ai une activité de construction immobilière

J'ai un projet de vie

J'ai un projet de ville

J'ai un projet d'aménagement

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Proposition

Modeliser les règles d'urbanisme
Les transformer en formes 3D à la parcelle
Sur toute la France
Par machine learning
à partir des fichiers PDF du Géoportail de l'urbanisme

Au service de tous (Etat, collectivité, acteurs privés, particulie
Accessible depuis le GPU
Pour une simplification des processus
Et un meilleur service aux usagers.

A terme, modéliser l'ensemble des documents d'urbanisme
Automatiquement
Dans un processus contrôlé

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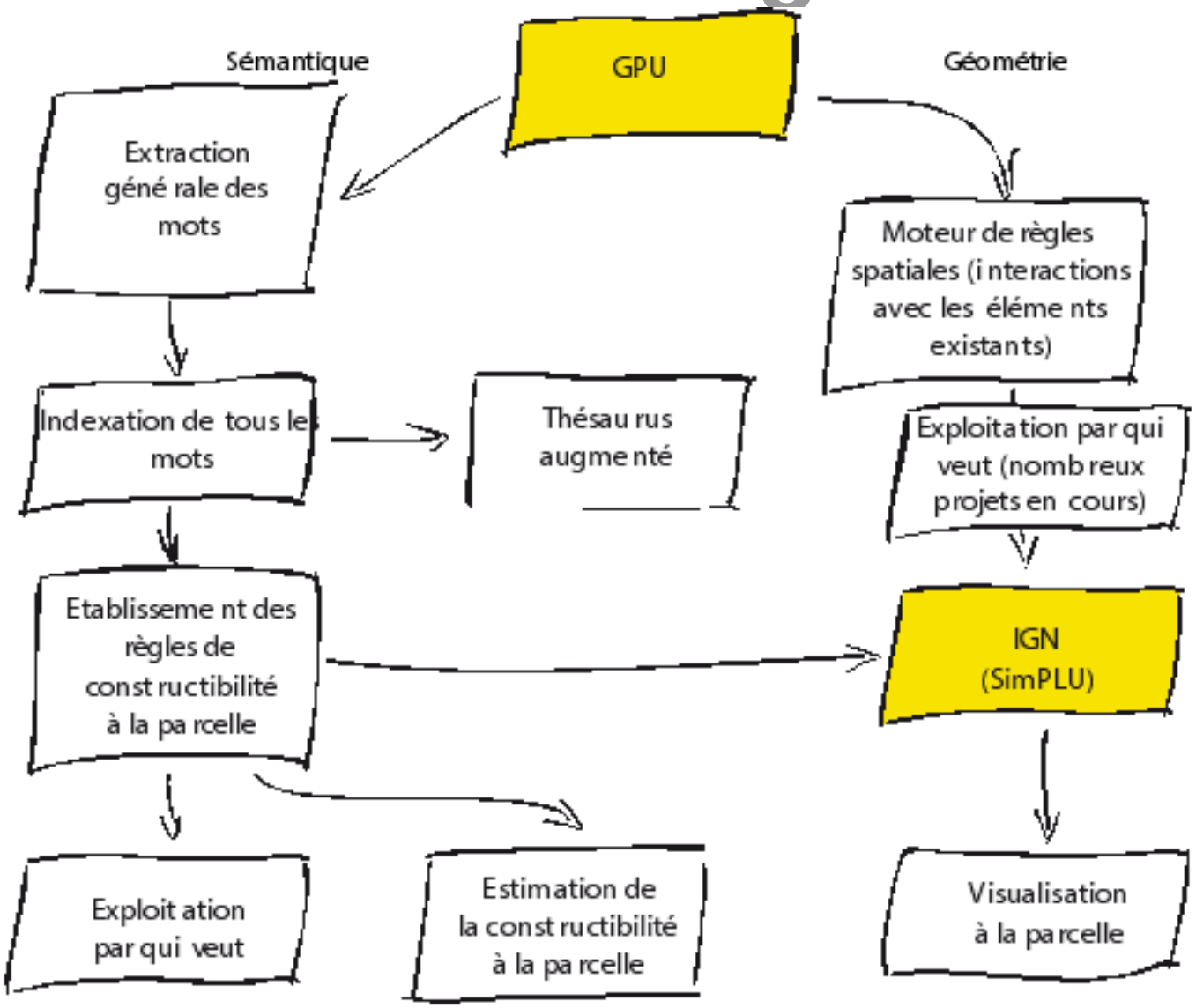
Un sujet, deux familles d'algorithmes



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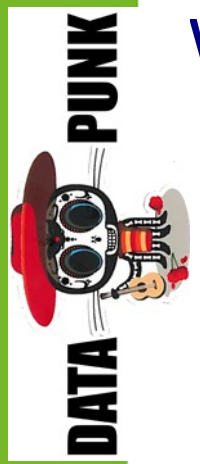
Pour en savoir plus

- Le journal du projet :

https://github.com/SmartPLU/PoCSmartPLU/wiki/%23-Journal-du-projet-SmartPLU

- Les ontologies en cours de fabrication : https://github.com/SmartPLU/Ontologies



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