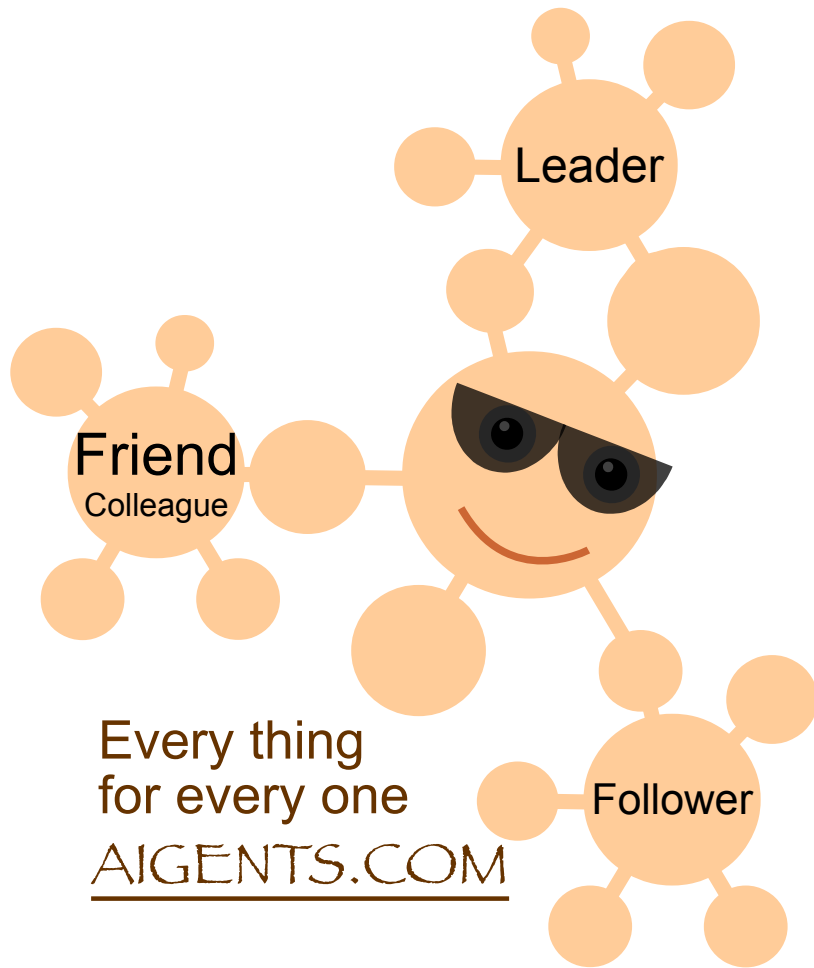


Personal Analytics for Societies and Businesses



with
Aigents
online
platform.

Anton Kolonin, akolonin@aigents.com

What problem we solve.

Make personal online communications more useful, safe and efficient.



Helping to find right leaders in social media, while interacting online under conditions of information overflow.

Helping to improve multiple relationships with friends and colleagues, getting rid on annoying connections.

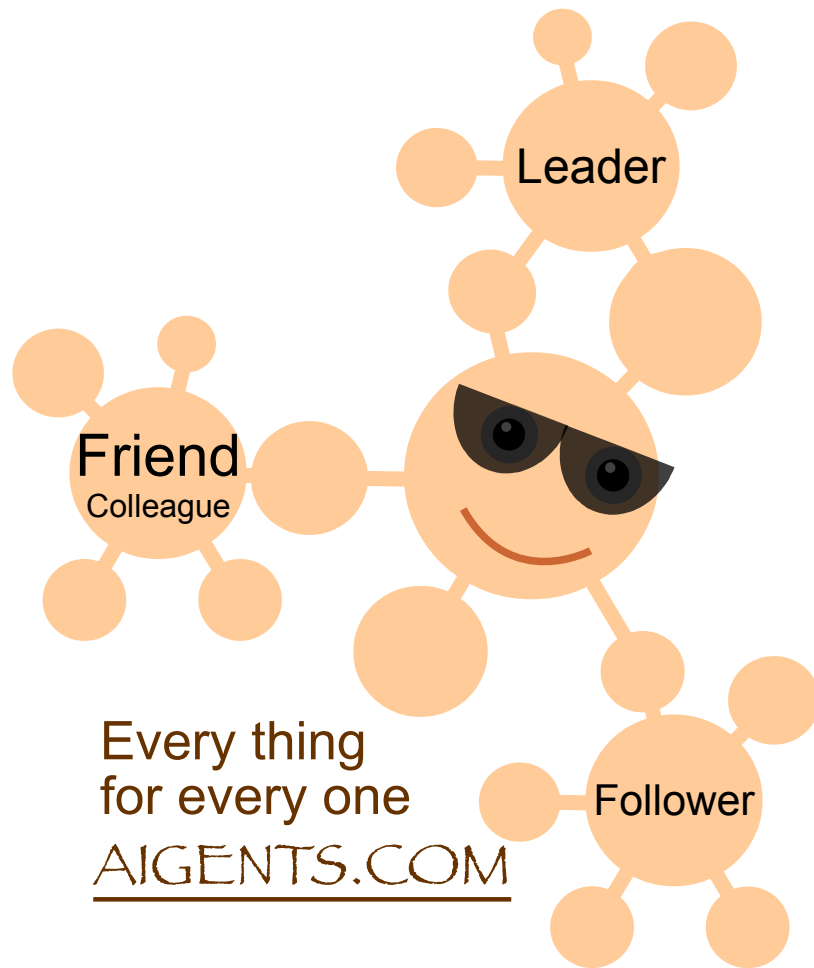
Helping to find target audience for personal and business promotion and improve loyalty – for everyone.

How we solve the problem.

Giving any user ability to figure out right leaders, true friends, reliable colleagues and grateful fans online automatically and track changes among them.

Studying user's social connections, recommend new ones, keep to enhance existing and warn about dangerous.

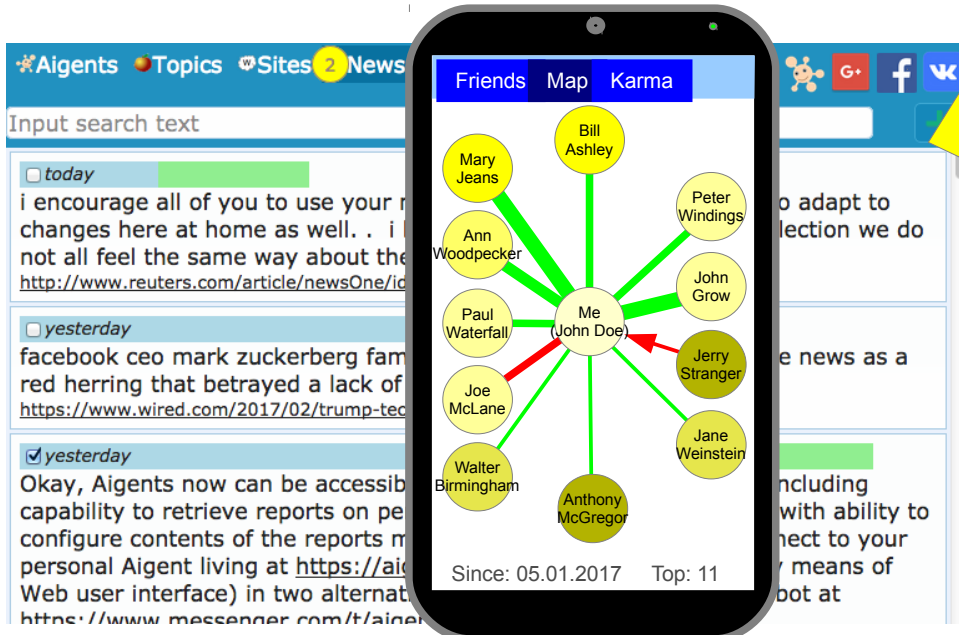
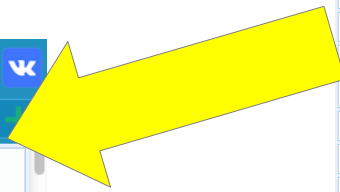
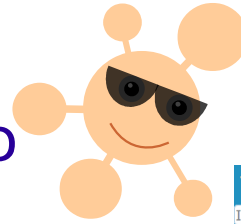
Helping user to improve social capital over time.



What is actual solution.



I connect my “virtual agent” to my social networks and communication channels and tell it about my preferences.



“Agent” extracts information from networks and online communications automatically, analyses my posts, comments and messages and alerts once there is an important change.

How to get started.

The image shows three sequential smartphone screens illustrating the onboarding process for Aigent. Each screen features a small orange robot character with sunglasses in the top left corner.

Screen 1: Specify your needs
The screen displays a list of items with checkboxes. The first two are unchecked, the next three are checked, and the last four are unchecked. At the bottom, there are 'Cancel' and 'Next' buttons.

- My interests
- My sites
- My friends/colleagues
- My followers
- Who I follow
- Who is similar to me
- My social map
- My "Karma"
- My mood
- Chat with Aigent

Screen 2: Select your sources
The screen displays a list of sources with checkboxes. The first six are checked, and the last two are unchecked. To the right of the list are icons for Facebook, Google+, Twitter, VKontakte, Steemit, and Golos. At the bottom, there are 'Back' and 'Next' buttons.

- My email
- My text messages
- My Web navigation
- My Web search
- My Facebook
- My Google+
- My Twitter
- My VKontakte
- My Steemit
- My Golos

Screen 3: Set up preferences
The screen displays a form with various input fields. At the bottom, there are 'Cancel' and 'Finish' buttons.

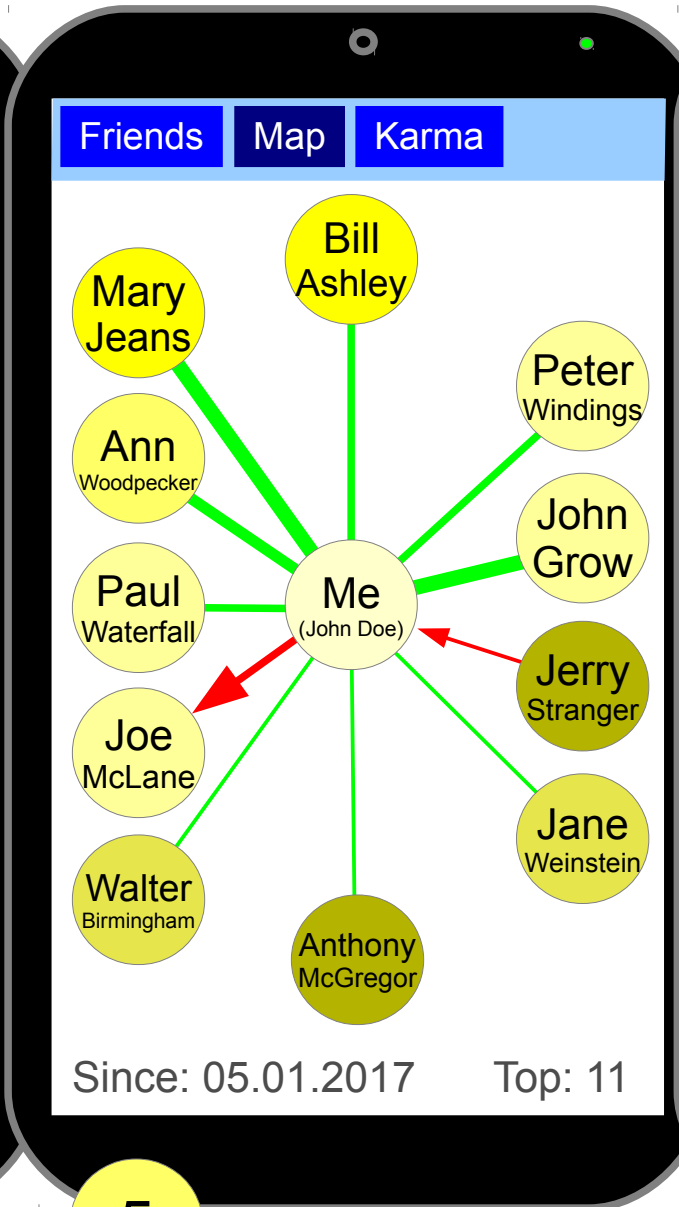
- Email: john@doe.co
- Name: John
- Surname: Doe
- Secret: First dog
- Answer: *****
- Maximum news(\$): 5
- History days (\$): 60
- Update hours (\$): 3
- Keep data private (\$)
- Send notifications (\$)

What is delivered.



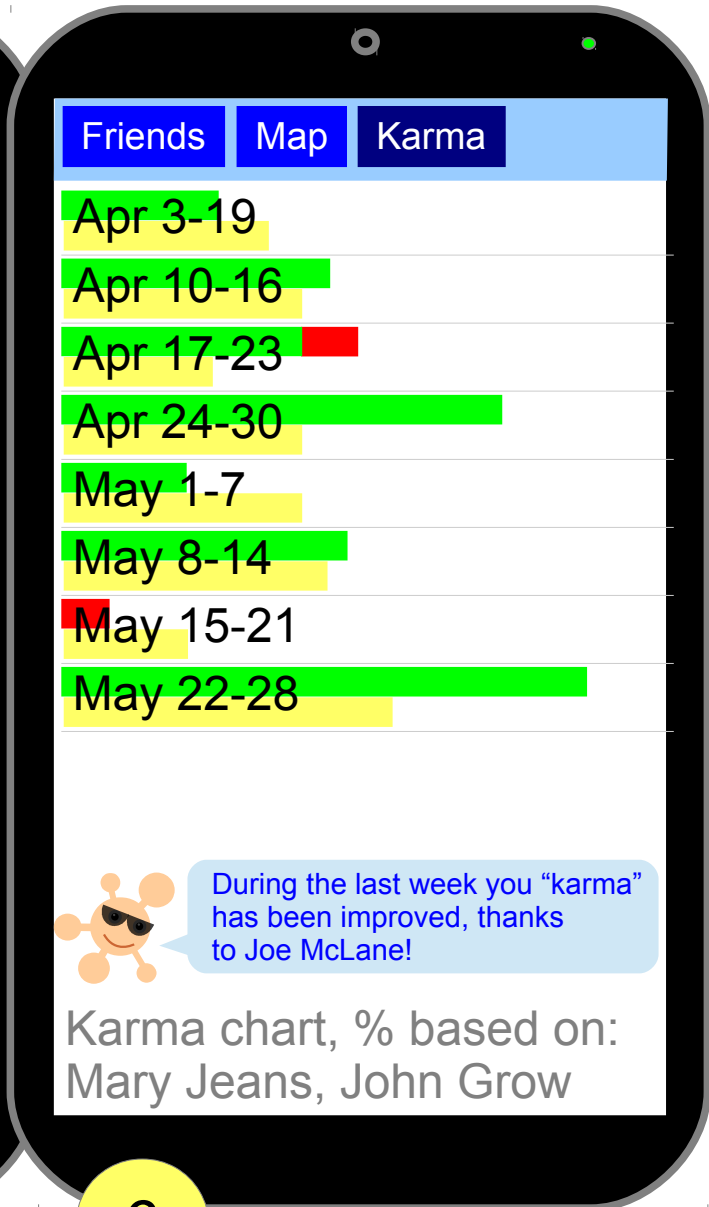
4

Watch your friends



5

Study your environment



6

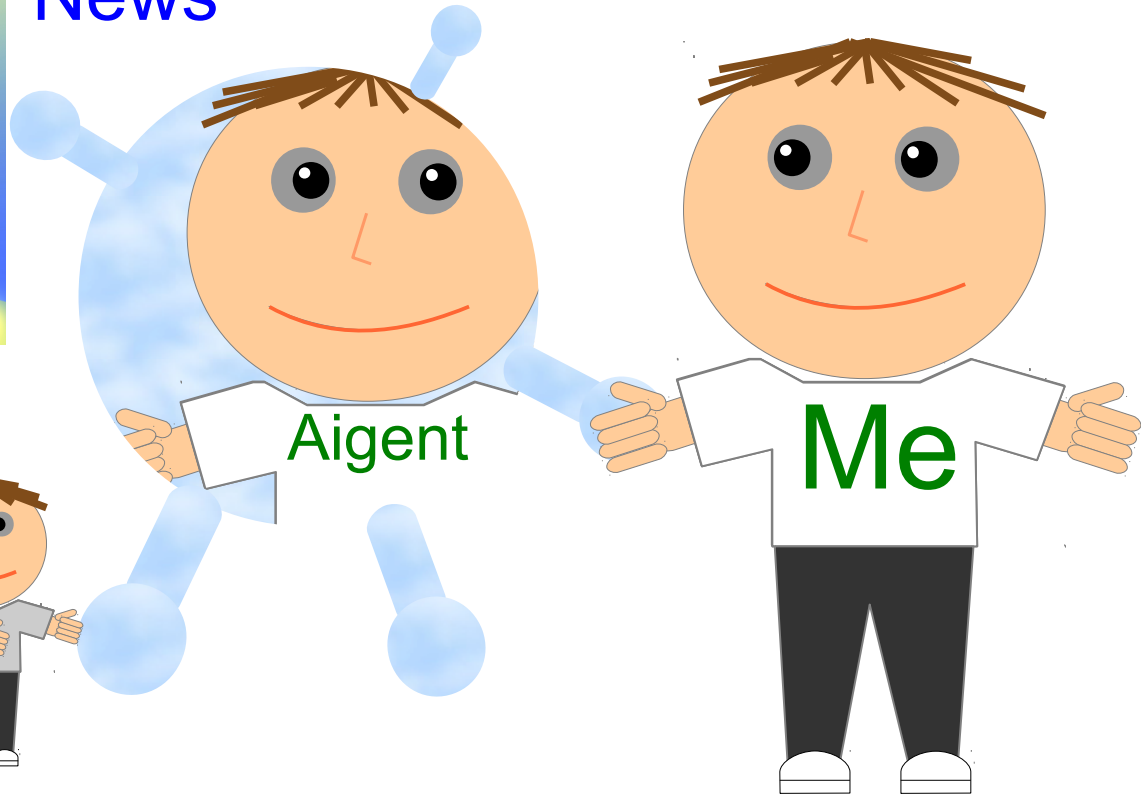
Improve your "karma"

Personal Intelligent Agent

serves as a “magic mirror” in the world of social and informational networks, recognizes your preferences, knows your friends and finds what you need

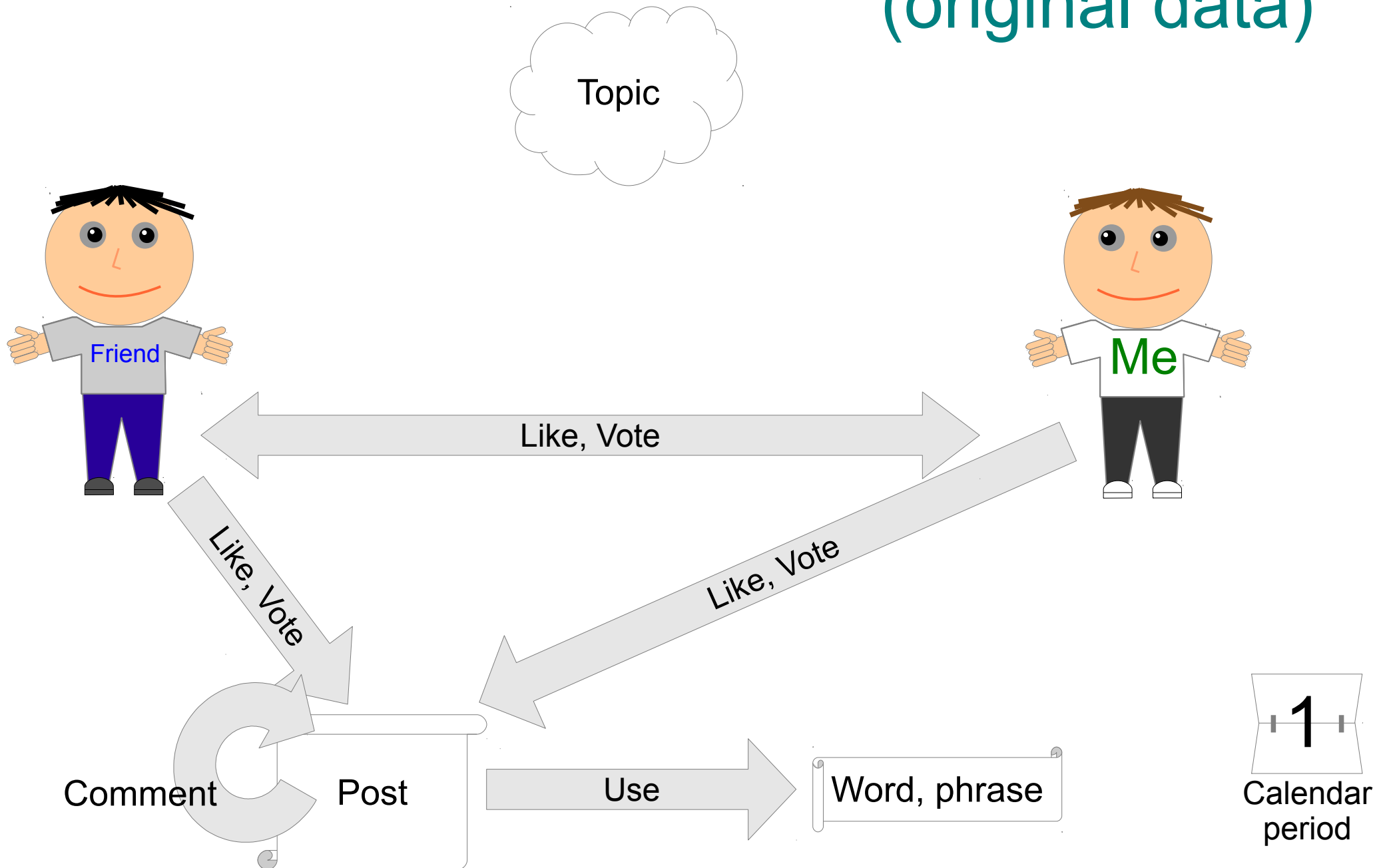


News



Friends

Personal Social Analytics Domain Model (original data)



Personal and social analytics - relationships

Best friends

$$B_{ij} = L_{ij} * (L_{ji} + C_{ji}) / \text{Max}_{j=1, J} (L_{ij} * (L_{ji} + C_{ji}))$$

Fans

$$F_{ij} = ((L_{ji} + C_{ji}) / (1 + L_{ij} + C_{ij})) / \text{Max}_{j=1, J} ((L_{ji} + C_{ji}) / (1 + L_{ij} + C_{ij}))$$

Like and comment me

$$F'_{ij} = (L_{ji} + C_{ji}) / \text{Max}_{j=1, J} (L_{ji} + C_{ji})$$

Authorities

$$A_j = ((L_{ij} + C_{ij}) / (1 + L_{ji} + C_{ji})) / \text{Max}_{j=1, J} ((L_{ij} + C_{ij}) / (1 + L_{ji} + C_{ji}))$$

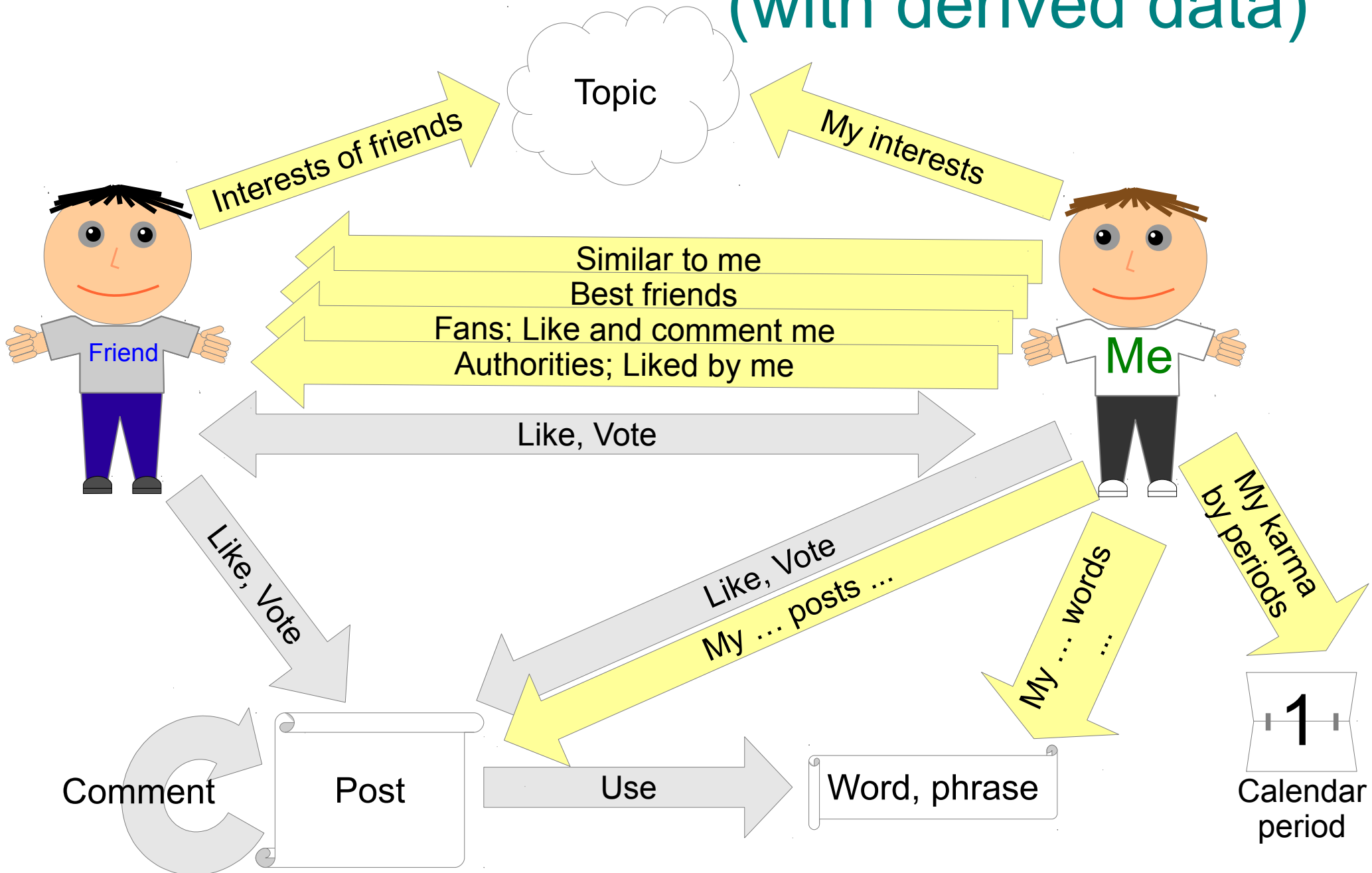
Liked by me

$$A'_j = (L_{ij} + C_{ij}) / \text{Max}_{j=1, J} (L_{ij} + C_{ij})$$

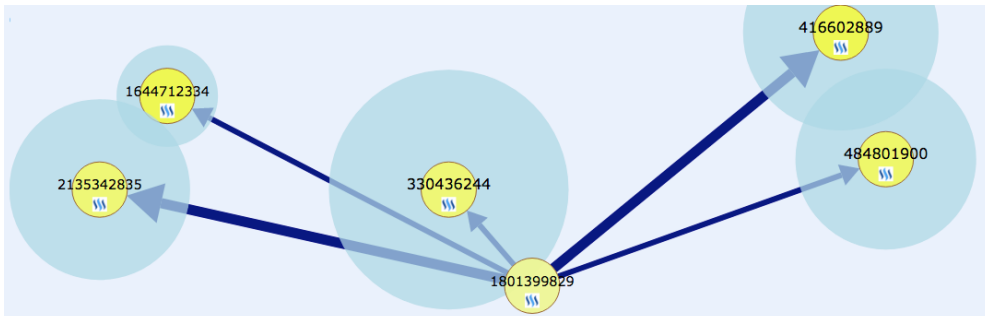
My karma by periods

$$K_{it} = \sum_{j,t} (L_{ij} + C_{ij}) / \text{Max}_{t=1, T} \sum_{j,t} (L_{ij} + C_{ij})$$

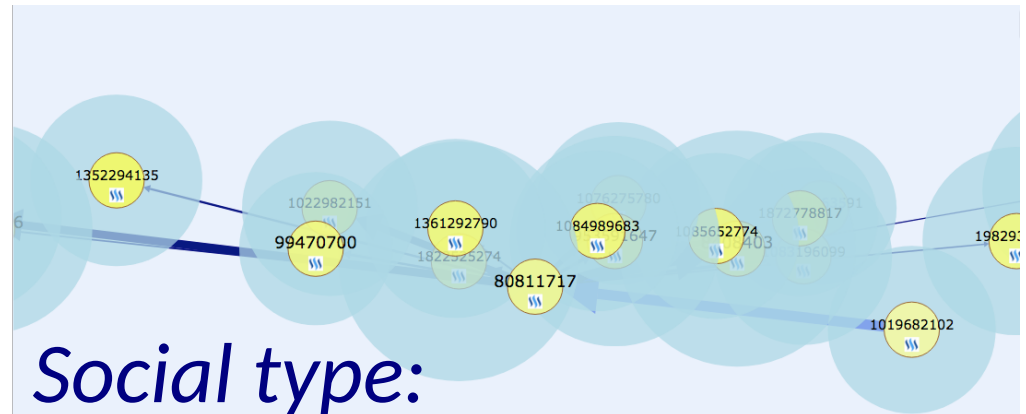
Personal Social Analytics Domain Model (with derived data)



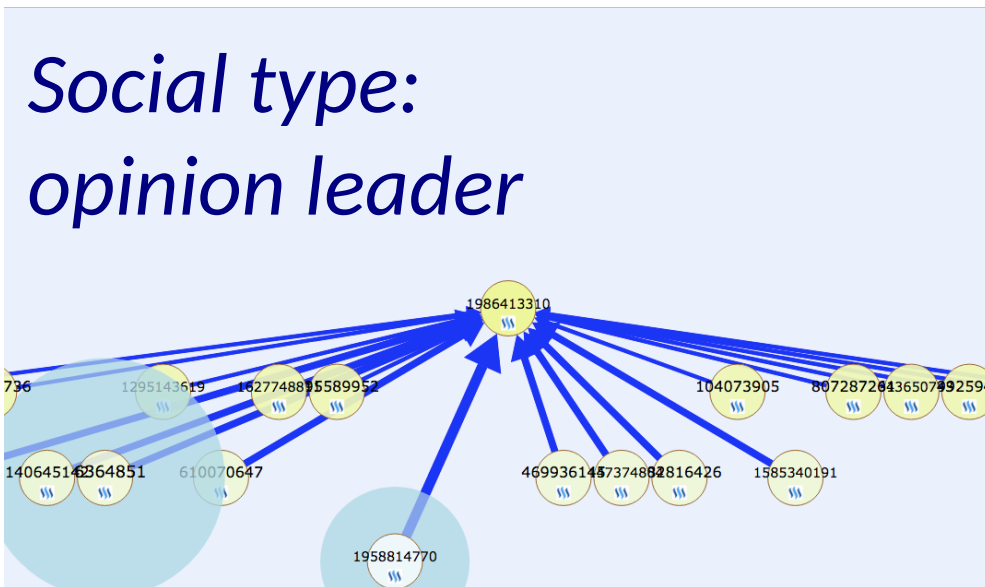
Case 1: Helping users to understand themselves better and perform more efficiently online – using their tracks in social networks and online resources, capture their interests, relationships, communication patterns and social structures.



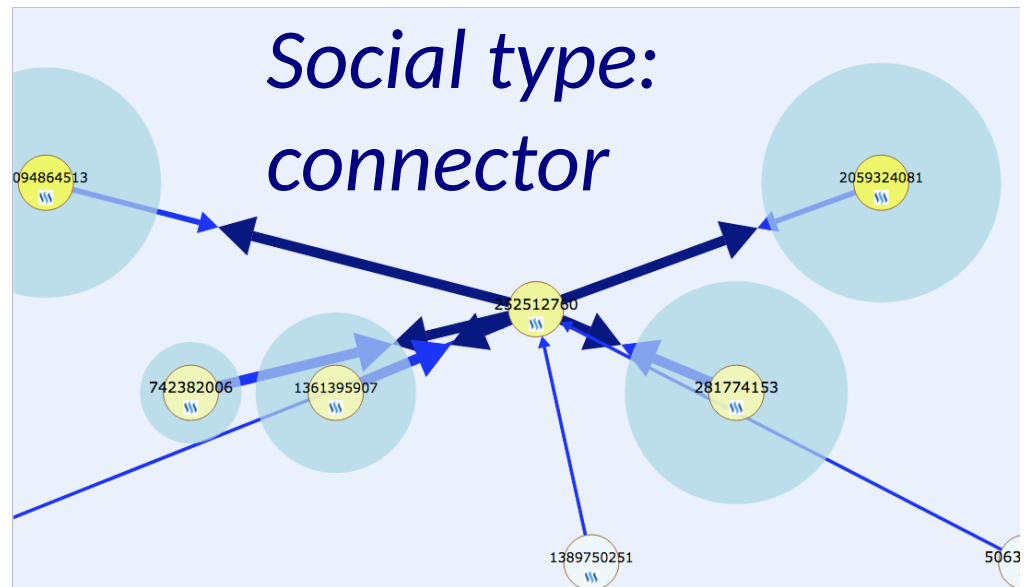
*Social type:
follower*



*Social type:
peer*



*Social type:
opinion leader*



*Social type:
connector*

Case 2: Helping users to improve their social capital (“karma”) over time, monitoring dynamics of its change correlated with online communications, topics and connections changing over time.

Отчет Aigents для Facebook				
Мои друзья за периоды				
Период	Карма,%	Одобрения	Комментарии	Друзья
2017-09-19 - 2017-09-20	48	11	1	Madiha Liaqat Khan Joseph Anoop George Елена Трофимова Anatoly Tkachev Lyudmila Kolonina Vanya Vanchez Андрей Толстихин Ерлан Байжанов Aigents Chamara Fernando
2017-09-12 - 2017-09-19	76	12	7	Lyudmila Kolonina Misha Kolonin Елена Трофимова Artyom Art Brynn Gleb Protoporov Игорь Кондратьев Madiha Liaqat Khan Aigents Alexey Turchin Elena Romanenko Anatoly Tkachev Charles Szekeres Ольга Полунина Ерлан Байжанов Mikhail Tumaykin Joseph Anoop George Dmitry Syomin
2017-09-05 - 2017-09-12	100	24	1	Denis Odinkov Mykola Rabchevskiy Misha Kolonin Санников Юрий Gleb Protoporov Arseniy Kolonin Vyacheslav Ananyev Anna Skornyakova Cassio Pennachin Mira Kwak Anatoly Tkachev Anna Brusnitsina Serge Gluschnev Donell Almanzor Aducal Stanislav Taktaev Kirill Ankydinov Andrei Dergatchev Ерлан Байжанов Robert Tercek Ирина Карлинер Jonathan Kim Andrey Chernogorov Константин Юрченко Наталия Светашева
2017-08-15 - 2017-08-22	52	11	2	Александр Гершаник Елена Трофимова Misha Kolonin Anton Lobastov Evgeniy Pavlovskiy Андрей Толстихин Arseniy Kolonin Aigents Joseph Anoop George Андрей Исаков Евгений Дубровин
2017-08-08 - 2017-08-15	92	15	8	Piaget Modeler Lyudmila Kolonina Yury Nebieridze Joseph Anoop George Misha Kolonin Denis
Отчет Aigents для Facebook				
Мои слова за периоды				
Период	Карма,%	Одобрения	Комментарии	Слова
2017-09-19 - 2017-09-20	48	11	1	presentations along political recognizing project research demonstrations contributions a
2017-09-12 - 2017-09-19	76	12	7	networks epidemic dynamics temporal concurrency concurrency-induced i susceptible gleeson ice lett source good high whats neighbors contact infections theoretically dynamic dramatically different results given rev static tomokatsu effects guys i
2017-09-05 - 2017-09-12	100	24	1	temporal networks sampling biases network department namur institute bristol real-life variety statistics data results mathematics sampled tokyo better strategy increasingly japan scenarios rhodes improved number sweden four model spatial
2017-08-29 - 2017-09-05	0	0	0	hmns machines networks systems people review current designing types identify social online humans increasingly s resource crowdsensing take markets daily systematically virtual mass interact media network interactions alone computing producing design multiplayer successful previous technology concentr
2017-08-15 - 2017-08-22	52	11	2	personal analytics anyone social category image video row st learn th online data voting c
2017-08-08 - 2017-08-15	92	15	8	social bica conference cognitive capital layers society relationships aligned proceedings being feature karma agents av end whuffie internet week interactions nor operations intended now perceptual human reporting krueger over stories multiple yet steemit control room artificial neither approached coming sitting all ean
2017-08-01 - 2017-08-08	96	15	9	whuffie currency science conference karma bica doctorow acts twitter model political good create others given idea money user gift relayly quicky cons robot steemit gets kingdom way schedule service attention uses grant alexandre see sun the us win
2017-07-25 - 2017-08-01	28	5	2	east business future golos comes steemit model
2017-07-18 - 2017-07-25	16	4	0	different conference moscow widgets view connectivity corner similarity top-left periods let meet

Get in touch with us.



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Facebook: <https://www.facebook.com/aigents>

Youtube: <https://www.youtube.com/aigents>

Google+: <https://plus.google.com/+Aigents>

Medium: <https://medium.com/@aigents>

Steemit: <https://steemit.com/@aigents>

Golos.io: <https://golos.io/@aigents>

VKontakte: <https://vk.com/aigents>

Facebook Messenger: [Aigents](#)

Telegram Messenger: [@AigentsBot](#)