Build an open source community?

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Patterns

Stories

Genesys

Things to start with

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Préam - bulles

Build an open source community?

What is a community? (of practice)

who,

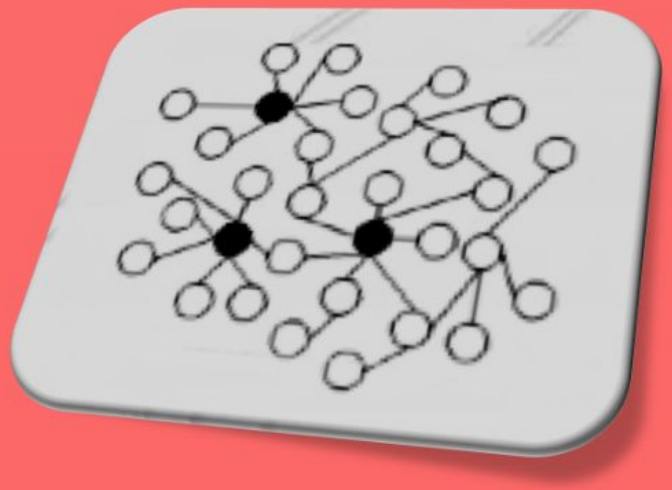
ore of the following

Community members dee

- Interacting on an c

Communities are groups of people who,
for a specific topic, share one or more of the following

- Interest,
- Speciality,
- Role,
- Concern, set of problems,
- Passion.



nity? (of practice)

Community members deepen their understanding by

- Interacting on an continuum basis,
- Asking and answering questions,
- Sharing knowledge,
- Reusing good ideas,
- Solving problems for others.

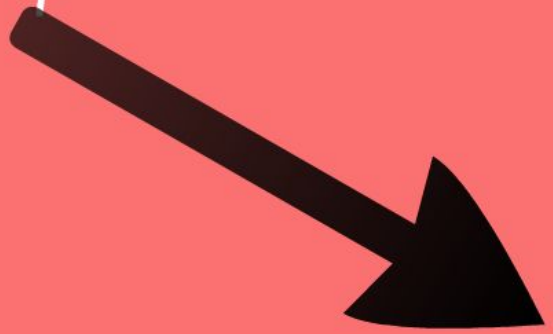
What is a community? (of interests)

Community members deep

- Asking and answering

Communities interests are loosely connected groups of people who,

- want to learn about a particular topic
- no commitment in terms of delivering something together
- don't require a formal sense of community



Community members deepen their understanding by

- Asking and answering questions (threaded discussions),
- Stay current on the topic.

Open Source Community Genesys?

- Project that answer a need
- Publish to increase its development
- Positive Community Network

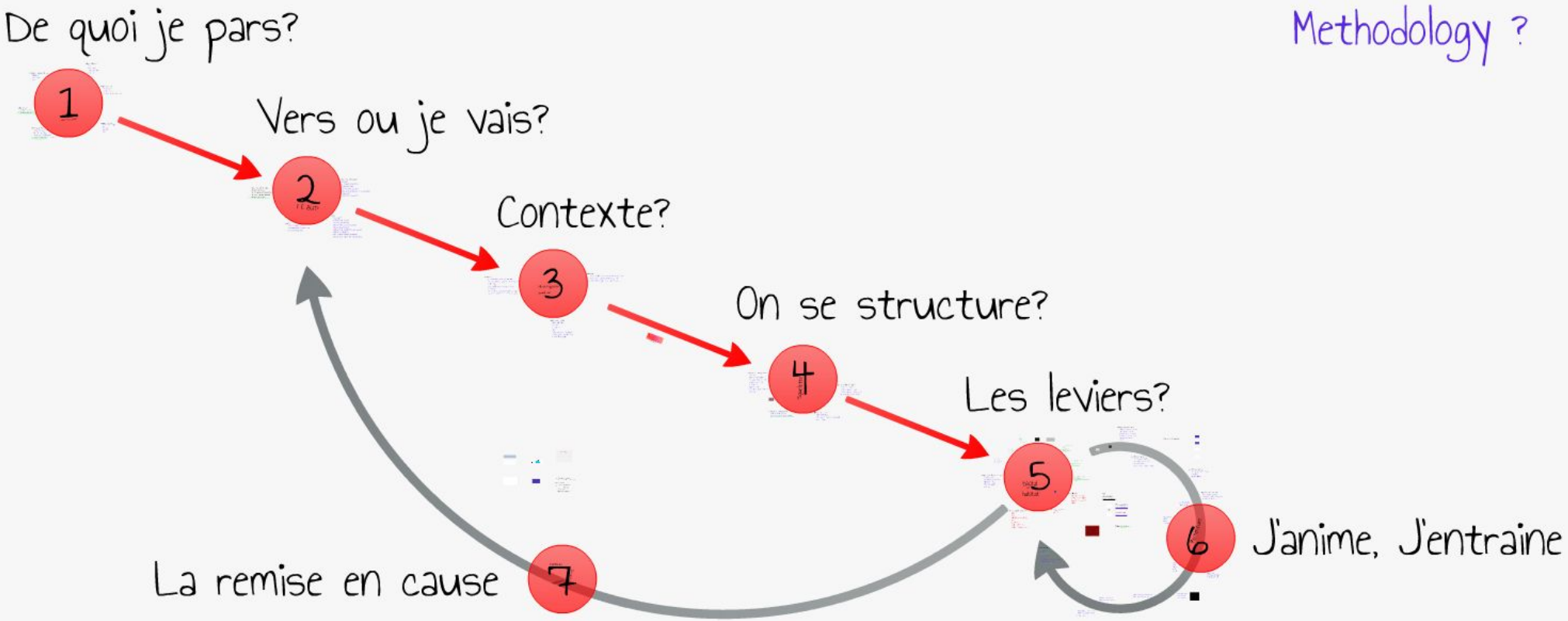
IzPack

Package once. Deploy everywhere.

Open Source Community secret map?

- Accept to share
- Values as roots, as your engine
- Project with a community
- Community breeding
- People, people, people
- and ...

Methodology ?



POINT DE DÉPART

Describe your project

- What is the concept?
- Main topic? Sub topics?
- What is the code ideal situation?
- What differentiate you from the others?

Analyse the code

- Developement state?
- Modular Architecture?

Existing Communication Elements?

- Publications
- Documentation?
- Videos

Analyse the licences

- Code?
- Documentation?
- Images, videos, logos
- Project name?

Analyse the core team

- Identify Leader
- Identify members
- Identify competences & interests

LE BUT?

- WHAT DO YOU WANT TO SHARE?
- WHAT ARE YOUR GOALS?
- WHAT IS YOUR PROJECT ORIENTATION?
- WHAT IS THE COMMUNITY TARGETED?
- WHAT ARE YOUR VALUES?

VALUES?

- WHAT DO YOU BELEIVE IN?
- WHAT DIFFERENTIATE YOU FROM OTHER CODE/COMMUNITY/PROJECTS?

WHAT DO YOU WANT TO REACH?

- RESEARCH?
- DISSEMINATION/EXPLOITATION
- INCREASE A USAGE?
- GET AN IMPACT ON SOCIETY?
- PROPOSE AN ALTERNATIVE TO "CLOSED MARKET"?
- EARN MONEY?
- ACCESS NEW COMMUNITIES?

What's happening
around me?

Review (1st)

- Communities already exist in your R&D Field?
- Is there an existing community/team that is focused on a related topic?
- Is your topic already covered as part of another community/team?
- Is there an old community that is inactive but could be resurrected or migrated to form the new community?

Qualify these communities

- Mission, goals, values
- Governance,
- IP management,
- Size,
- Tooling, architecture of participation,
- Is it a competitor? A complementary ?
- Project(s) already in place?

Relationship

- Where are the place to go to share and learn in your domain?
- What are the communication channels in your domain?
- Identify the leaders, opinion makers, mainstream users...

Squelette

Identify your community processes

- Governance,
- Roles and responsabilities?
- Community management model?
- Development code model,
- IP management,
- Business models,
- External contribution management,
- Monitoring

Identify your community processes?

- Simple and flexible processes
- Make contribution as easy as possible

Align Core team members

- Mission, goals, values
- Shared vision among partners & individuals
- Mentor , Educate

Take and formalize the decision:

- We start from scractch?
- We join an existing community?
- We join an existing community but we keep certain elements (own website)?

Digital
habitat

J'adapte mes ambitions à mes moyens

- Portail web "Vitrine"
- Code Repository, Issue Tracker
- Mailing List or Forum
- Collaboration guidelines
- Monitoring

Vitrine - Home page

- Good project name
- Clear mission statement
- State that the project is Open Source
- Development status
- License used

Vitrine - Home page

- How to install and use
- Where to download
- How to contribute
- Mailing list

End Users - What are they looking for?

- Quality
- Information
- Documentation
- Easy to find, Install, Use
- Support

Adopters - What are they looking for?

- Personalize and Extend
- Easy Programming Model
- Reliable APIs
- Low Barrier of Entry

Committers - What are they looking for?

- Ideally, be part of a cool project ;-)
- Low barrier of entry
- Align project goals & values with own goals/belief
- Get Stuff done!

KNOW THE
COMPACT
=GOOD
AL AUDIO

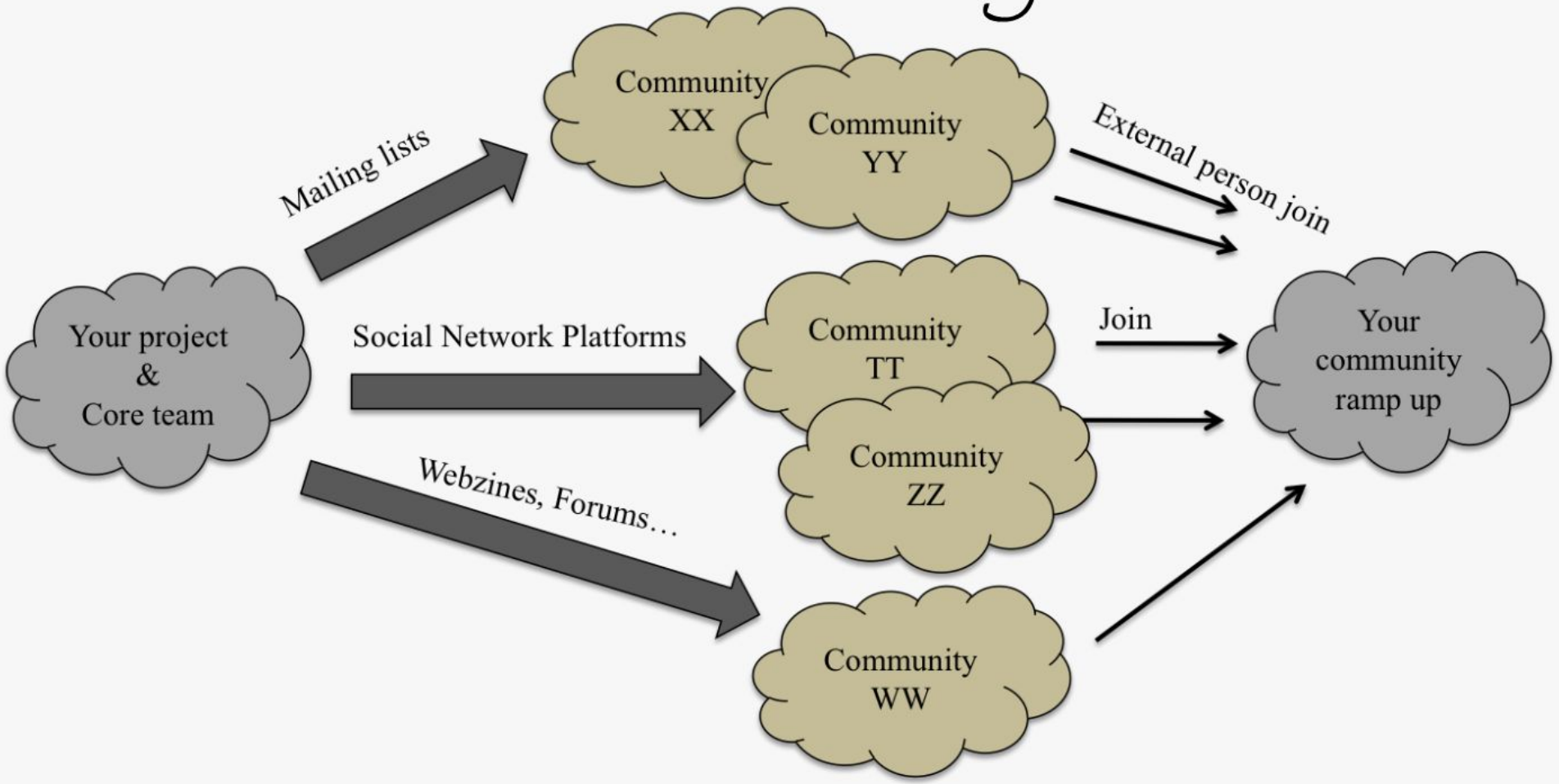
Build your communication channel

- Individuals & Communities that may share same topics or interests
- From your own contact network
- Participate to conferences & events
- Collaborate with other FLOSS initiatives

Advertize your existence

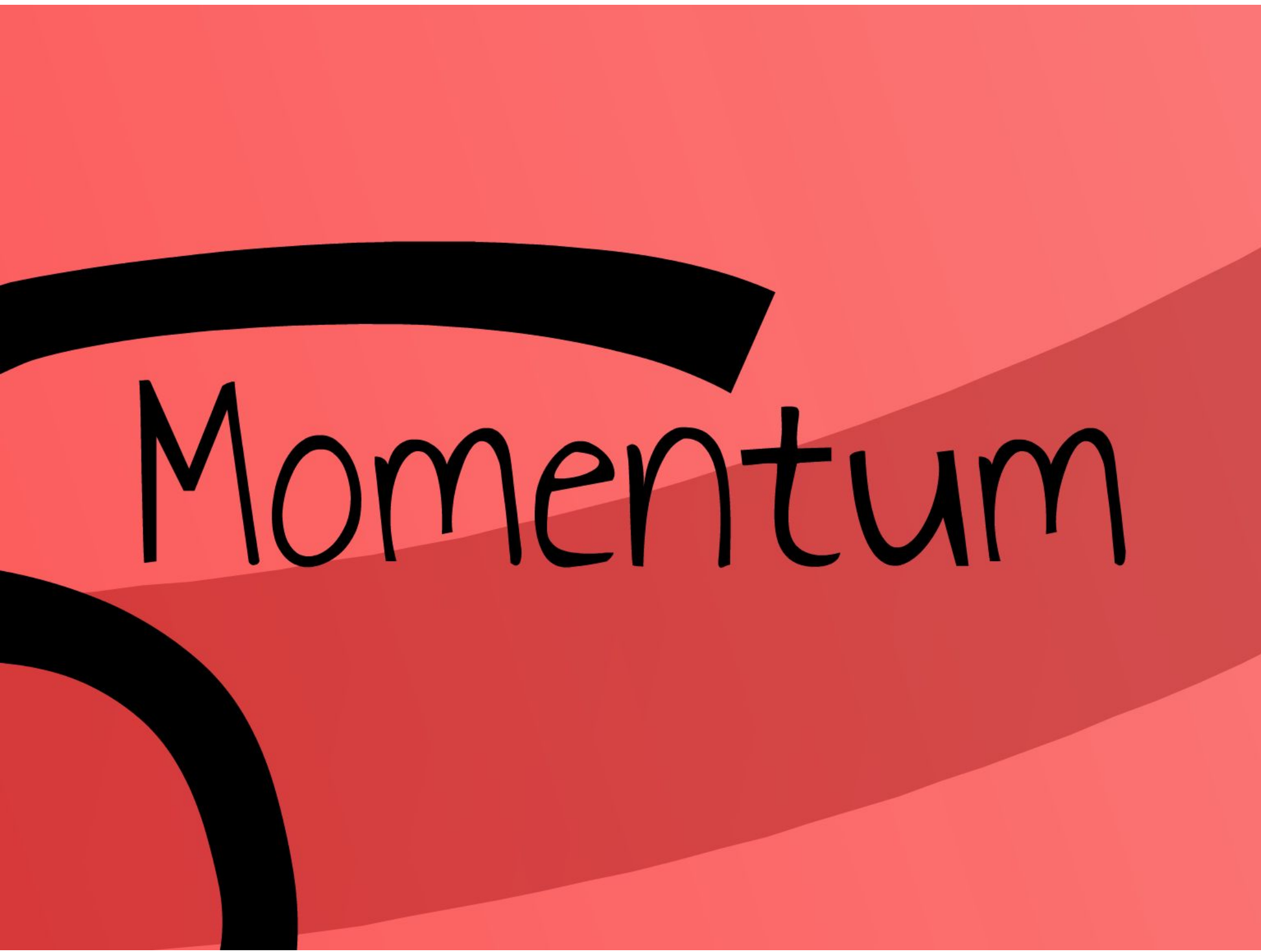
- Write and submit articles
- Use existing networks to inform
- Use website ohloh.net
- Send a one-time broadcast message

Send broadcast messages



Advertize your existence

- Good and Up to Date Website
- Cross links
- Aggregate Bloggers


Momentum

J'adapte mes activités à mes moyens

- Project management principles
- Easy flow of information, transparency
- Ask and answer questions

- Hold a regular conference call
- Post regularly to your forum
- Copy interesting topics

- Hold periodic events
- Physical
- Regular
- on the web?

- Mediate Conflicts
- Balance Opposing Viewpoints
- Avoid Vaulting Attitude

- Facilitate Recognition
- Great new comers
- Invite Contribution

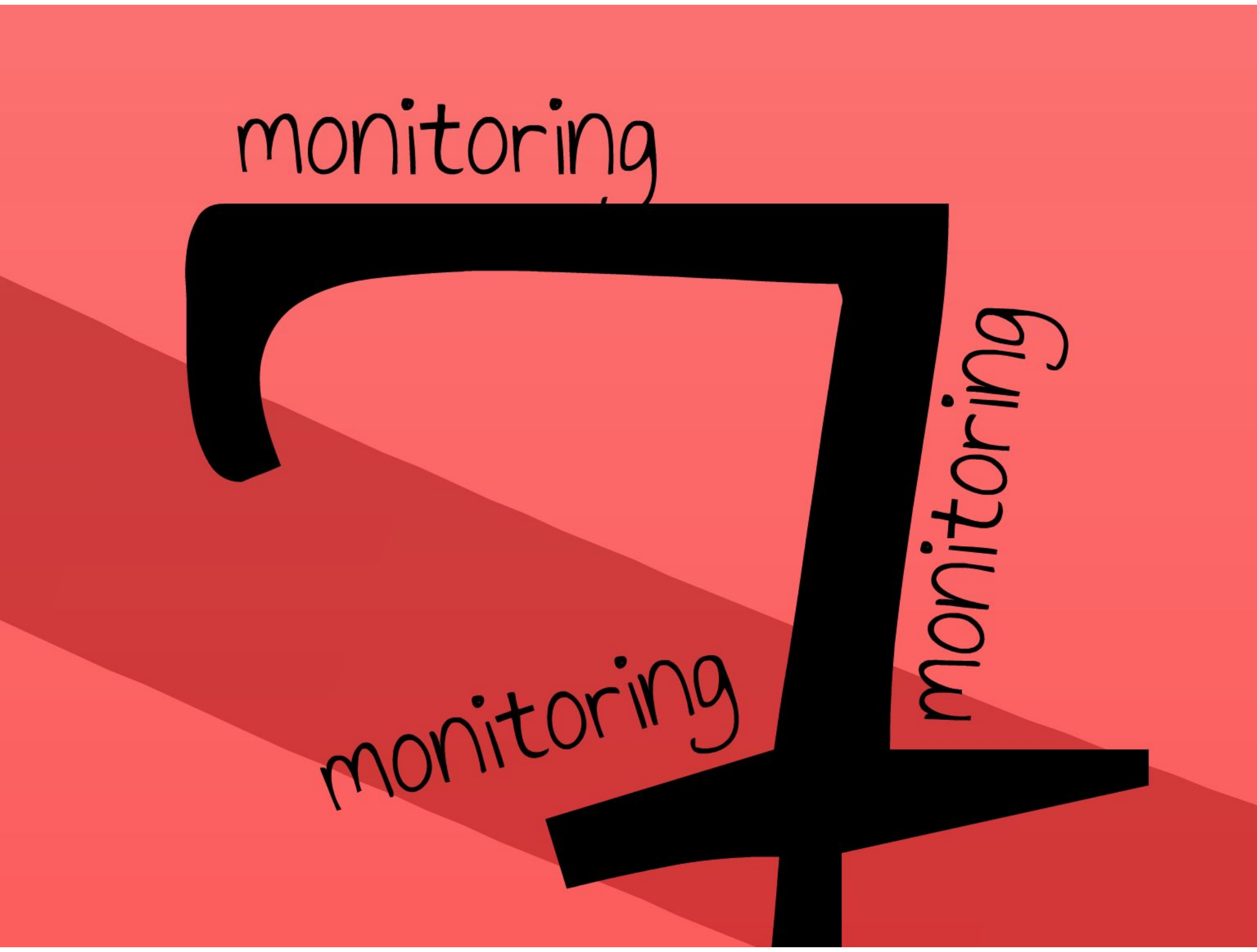
- Collaborate with other community project
- Update Website & documentations

- Bug Reports are love letters
- Educate new comers/committers

- Visit/Participate to conferences
- Social networking (Research Gate)
- Periodic review

Increase membership

- Why they may come?
- Create roles
- Easy Task list
- Greet new comers
- Meet person
- Ask people who ask question on related communitiy forum(s)... to join
- Find the community!


monitoring
monitoring
monitoring

Site Usage

1,359 Visits

4,865 Pageviews

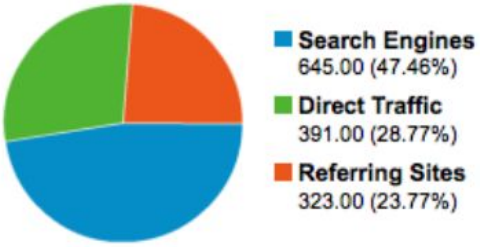
3.58 Pages/Visit

54.60% Bounce Rate

00:04:29 Avg. Time on Site

55.26% % New Visits

Traffic Sources Overview



view report

Map Overlay

view report

Visitors Overview

Content Overview

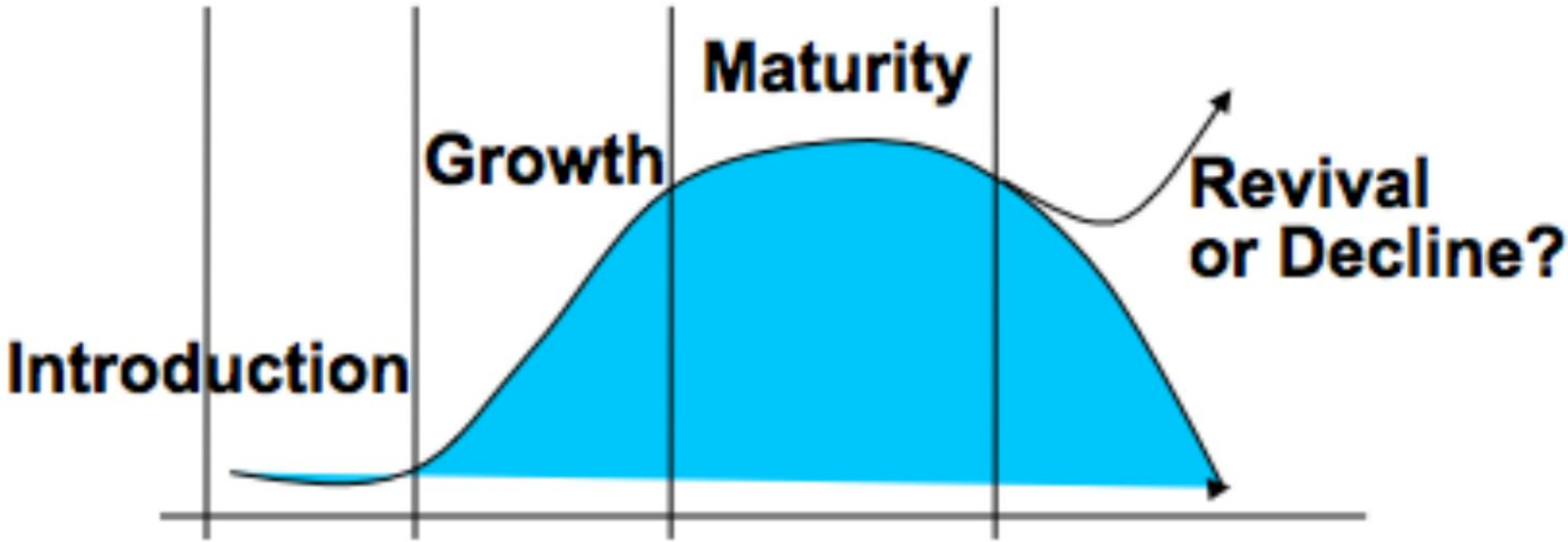
Pages	Pageviews	% Pageviews
/	1,021	20.99%
/tools	221	4.54%
/documents	170	3.49%

Couverture de code : NightlyCoverage

File Edit View History Bookmarks Tools Help

CDash : Siconos

./src/xml/NonSmoothLawXML.h	85.71%	1
./src/xml/NonSmoothSolverXML.cpp	100.00%	0
./src/xml/NonSmoothSolverXML.h	100.00%	0
./src/xml/OneStepIntegratorXML.cpp	57.14%	9
./src/xml/OneStepIntegratorXML.h	56.25%	7
./src/xml/OneStepNSProblemXML.cpp	28.57%	25
./src/xml/OneStepNSProblemXML.h	76.47%	4
./src/xml/QPXML.cpp	10.00%	18
./src/xml/QPXML.h	100.00%	0
./src/xml/RelationXML.cpp	43.18%	75
./src/xml/RelationXML.h	76.67%	7
./src/xml/RelayNSLXML.cpp	16.67%	10
./src/xml/RelayNSLXML.h	11.76%	15
./src/xml/SiconosDOMTreeTools.cpp	27.09%	218
./src/xml/SiconosDOMTreeTools.h	89.09%	6
./src/xml/SiconosMemoryXML.cpp	3.77%	51
./src/xml/SiconosMemoryXML.h	11.76%	15
./src/xml/SiconosModelXML.cpp	32.28%	128
./src/xml/SiconosModelXML.h	33.82%	45
./src/xml/SimulationXML.cpp	68.18%	14
./src/xml/SimulationXML.h	75.00%	2
./src/xml/TimeDiscretisationXML.cpp	69.23%	4
./src/xml/TimeDiscretisationXML.h	55.00%	9
./src/xml/XMLTagsName.hpp	100.00%	0
./src/xml/test/TestMain.cpp	100.00%	0
./src/xml/test/testXMLTools.ldwrap.c	75.00%	1
./src/xml/NewtonImpactFrictionNSLXML.h	UNTESTED	UNTESTED


Introduction
Growth
Maturity
Revival
or Decline?

Healthy community?

Trust, Recognition, Listening

Driving purpose, clear activities, sense of accomplishment

Transparency, Communication

Actions & Momentum

Relationship
cross boundaries

Neutrality

High management expectations

Leadership & Participation

Results?

Results may vary

Speed up start up phase

Improve dissemination & promotion

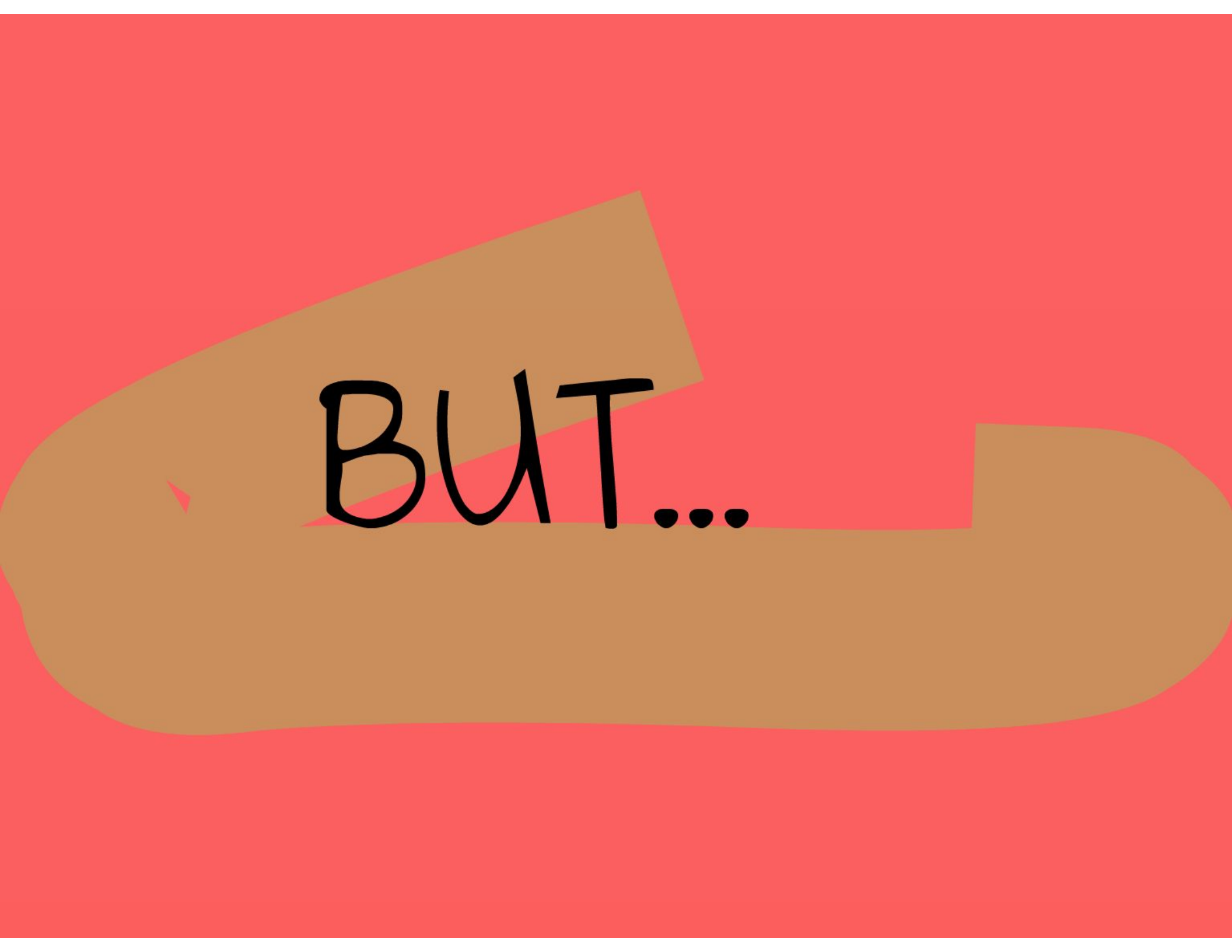
Increased the exploitation outcome

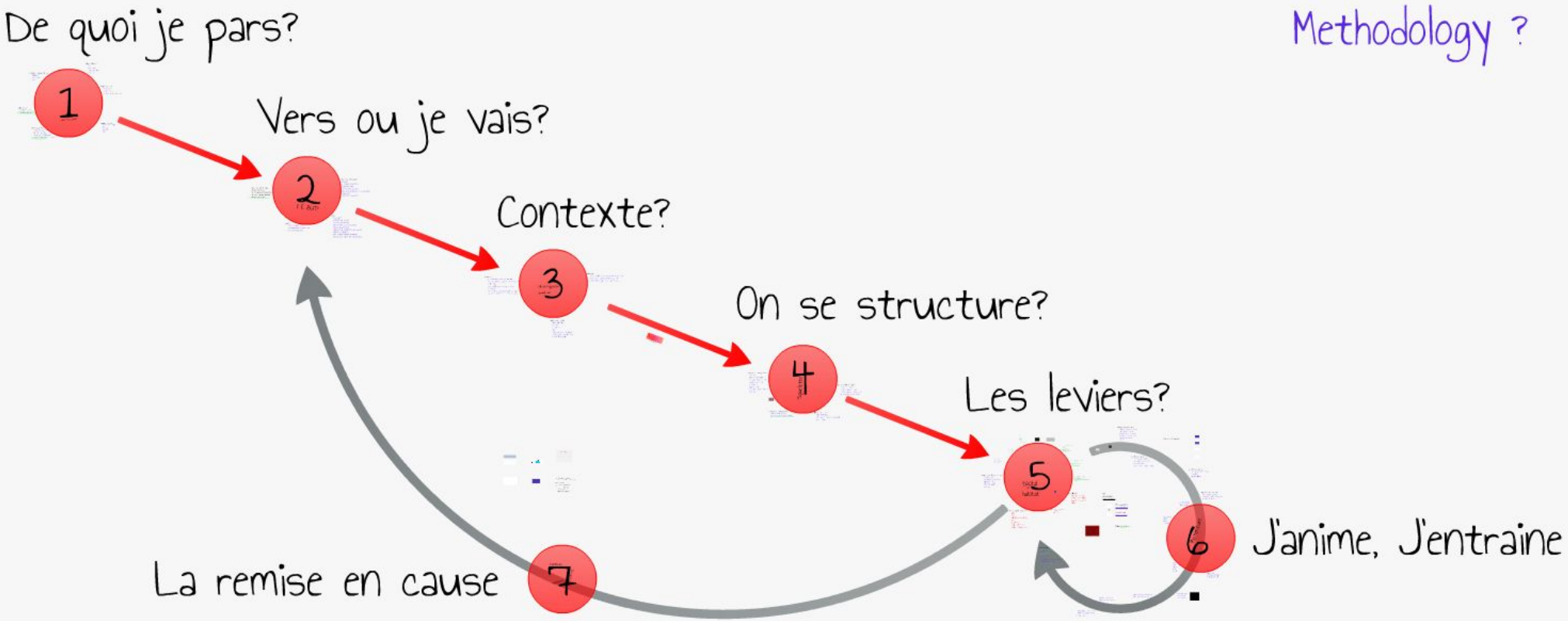
Grow of the community

Building alliances

Human adventure

Life after the completion


BUT...

- People commitment
- Shared vision ?
- Creativity & leadership
- Devote time for Community management
- Devote time for knowledge sharing
- Open & Patient (not patent)
- It may takes time

Methodology ?