

From user to creator
Contributing to Perl Community

Alex Burzyński

Thames Valley Perl Mongers
15th January 2014

**There is no community
without people participating**

Without community

Perl is dead

Oh...

What can **YOU** do?



Join local Perl Mongers group



Join local Perl Mongers group

→ Meet great people

Join local Perl Mongers group

→ Meet great people

yes – you are great!

Join local Perl Mongers group

→ Meet great people

yes – you are great!

→ Share knowledge

Join local Perl Mongers group

→ Meet great people

yes – you are great!

→ Share knowledge

... and problems

Improve modules you are using



Improve modules you are using

→ Say thank you

Improve modules you are using

- Say thank you
- Submit documentation changes

Improve modules you are using

- Say thank you
- Submit documentation changes
- Report bugs

Improve modules you are using

- Say thank you
- Submit documentation changes
- Report bugs
- Add new features

Publish your own modules on CPAN



Publish your own modules on CPAN

→ But I don't have any...

Ideas for Perl modules



Ideas for Perl modules

- Do you have any specific need that is not solved by existing modules?

Ideas for Perl modules

- Do you have any specific need that is not solved by existing modules?
- Are you using some WebServices?

Ideas for Perl modules

- Do you have any specific need that is not solved by existing modules?
- Are you using some WebServices?
- Do you have a device with some kind of API?

Ideas for Perl modules

- Do you have any specific need that is not solved by existing modules?
- Are you using some WebServices?
- Do you have a device with some kind of API?
- Can you automate something?

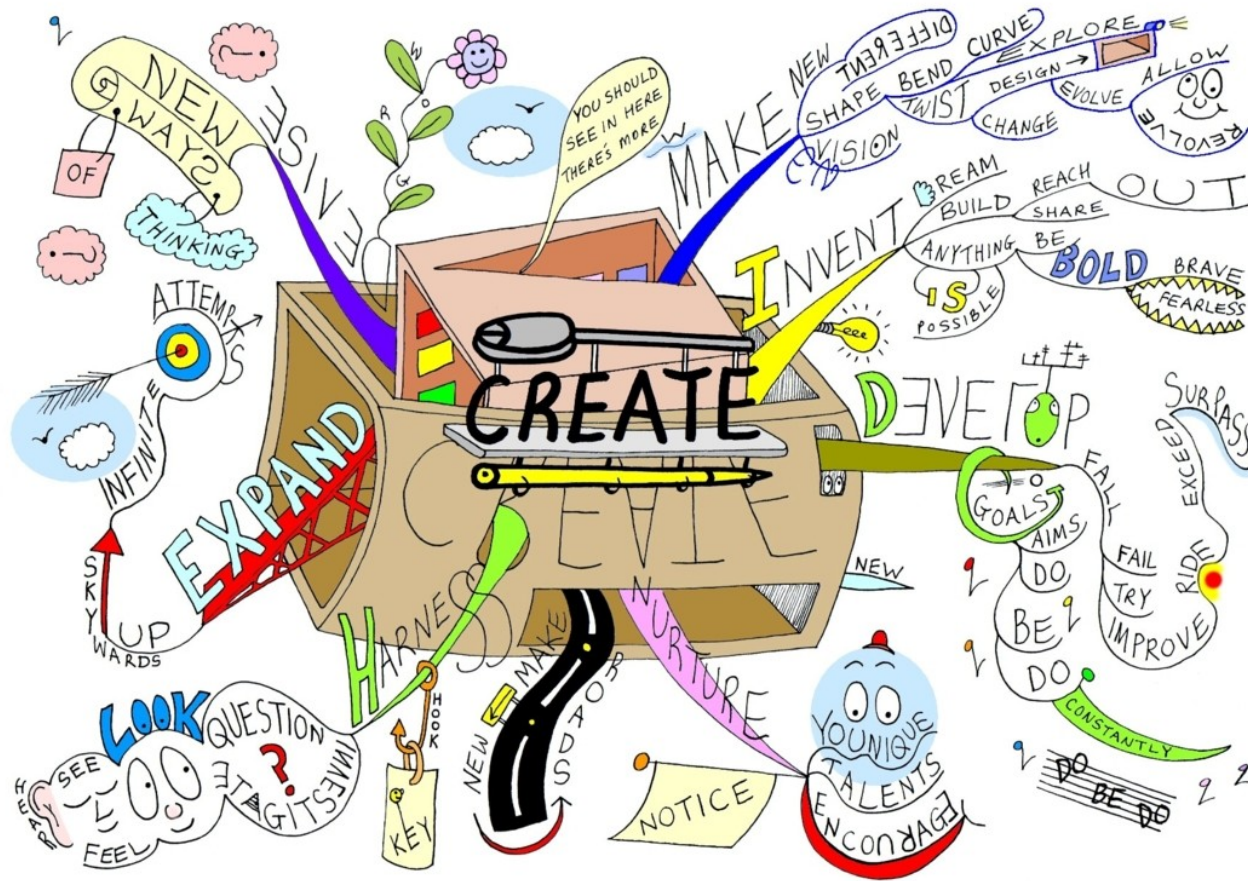
Ideas for Perl modules

- Do you have any specific need that is not solved by existing modules?
- Are you using some WebServices?
- Do you have a device with some kind of API?
- Can you automate something?
- Do other languages/frameworks have something that is missing in Perl?

Ideas for Perl modules

- Do you have any specific need that is not solved by existing modules?
- Are you using some WebServices?
- Do you have a device with some kind of API?
- Can you automate something?
- Do other languages/frameworks have something that is missing in Perl?
- Do you know something others don't?

Create your own Perl modules



Create your own Perl modules

→ Use Git

Create your own Perl modules

→ Use Git

... branch often and keep them

Create your own Perl modules

- Use Git

 - ... branch often and keep them

- Follow Feature-Driven Development

Create your own Perl modules

- Use Git

 - ... branch often and keep them

- Follow Feature-Driven Development

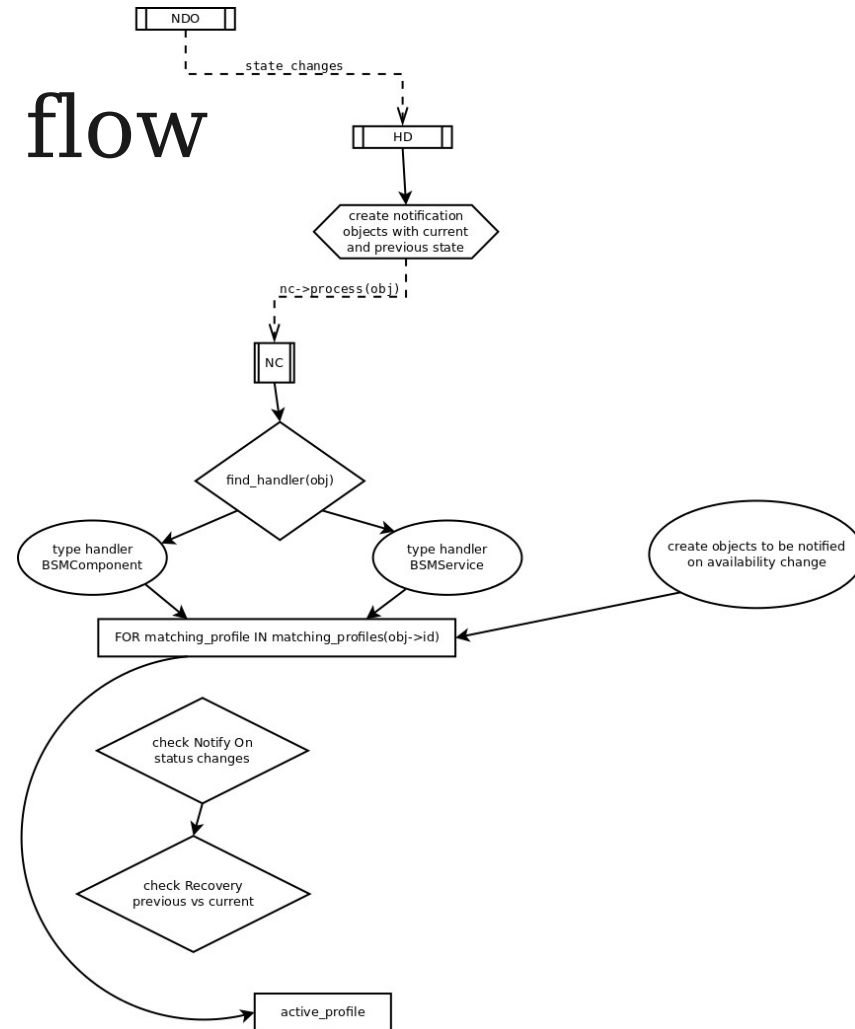
 - ... how do you want people to use it?

Create your own Perl modules

→ Design process flow

Create your own Perl modules

→ Design process flow



Create your own Perl modules

- Write code to support your example

Create your own Perl modules

- Write code to support your example
- Create unit tests

Create your own Perl modules

→ Write code to support your example

→ Create unit tests

... use `Devel::Cover` to validate them

Create your own Perl modules

- Write code to support your example
- Create unit tests
 - ... use `Devel::Cover` to validate them
- Create documentation

Create your own Perl modules

- Write code to support your example
- Create unit tests
 - ... use `Devel::Cover` to validate them
- Create documentation
- Optimise

Create your own Perl modules

- Write code to support your example
- Create unit tests
 - ... use `Devel::Cover` to validate them
- Create documentation
- Optimise
 - ... use `Devel::NYTProf`

Publish your own modules on CPAN

→ `Dist::Zilla`

Publish your own modules on CPAN

→ Dist::Zilla

... lots of guides

Care for your own modules on CPAN



Care for your own modules on CPAN

→ Use github

Care for your own modules on CPAN

→ Use github

... simplifies contribution

Care for your own modules on CPAN

- Use github

 - ... simplifies contribution

- Respond to tickets

Care for your own modules on CPAN

- Use github

 - ... simplifies contribution

- Respond to tickets

 - ... even to say that you'll look into it

Care for your own modules on CPAN

- Use github

 - ... simplifies contribution

- Respond to tickets

 - ... even to say that you'll look into it

- Add a co-maintainer if you don't have
time anymore

Questions?