

useR! 2019

Our Journey with Shiny



Toulouse
July 12, 2019

Victor Perrier

Shiny & us

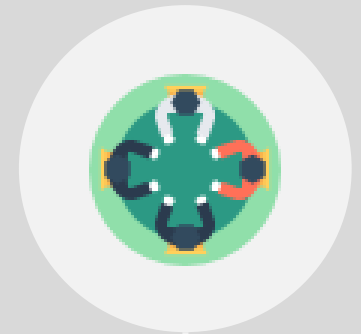
History & context



When ?

Developing applications
since 2014

What ?
Dashboard & reportings



For whom ?

Mostly for operatives /
Marketing analyst

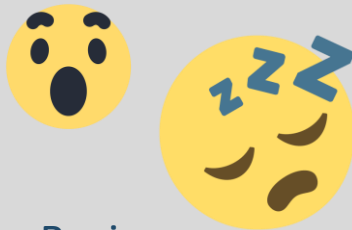
shinyWidgets

Motivation

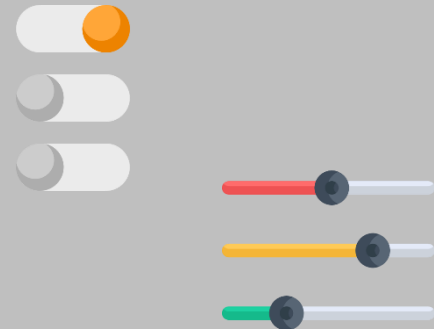


All our apps starts
to looks the same

No more wow
effect



Boring

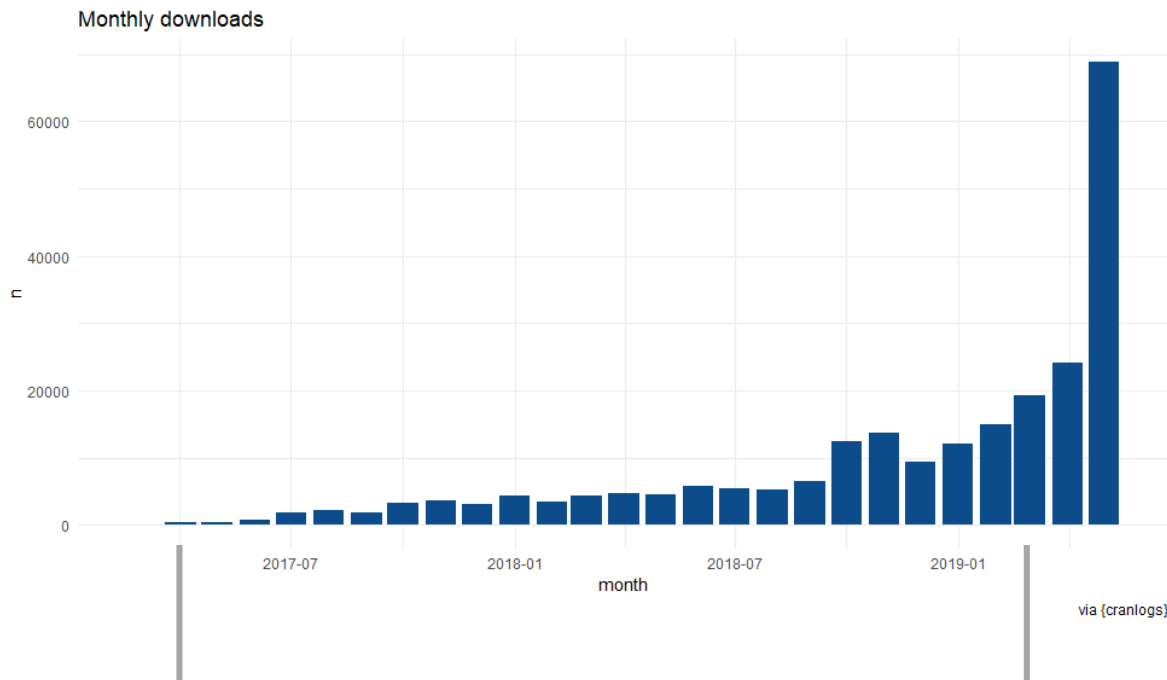


New widgets
controls

shinyWidgets

My first package was born

thanks to Fanny for all her ideas and encouragement



March 2017: first release on CRAN

March 2019: version 0.4.8 released



28 reverse dependencies



13 contributors (with a special thanks to David Granjon)



<https://github.com/dreamRs/shinyWidgets>

CRAN 0.4.8

shinyWidgets

Examples

Select with « select all » button

Select/deselect all + format selected

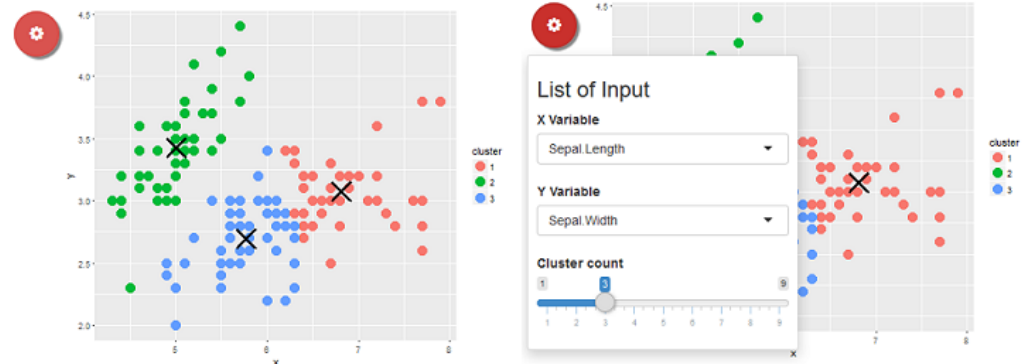
4 items selected

Select All	Deselect All
A	<input checked="" type="checkbox"/>
B	<input checked="" type="checkbox"/>
C	<input checked="" type="checkbox"/>
D	<input checked="" type="checkbox"/>
E	<input type="checkbox"/>
F	<input type="checkbox"/>
G	<input type="checkbox"/>
H	<input type="checkbox"/>
I	<input type="checkbox"/>
J	<input type="checkbox"/>

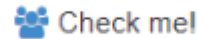
Material Switch



Dropdown menu



Checkboxes & radios with colors, icons and animations



shinyWidgets

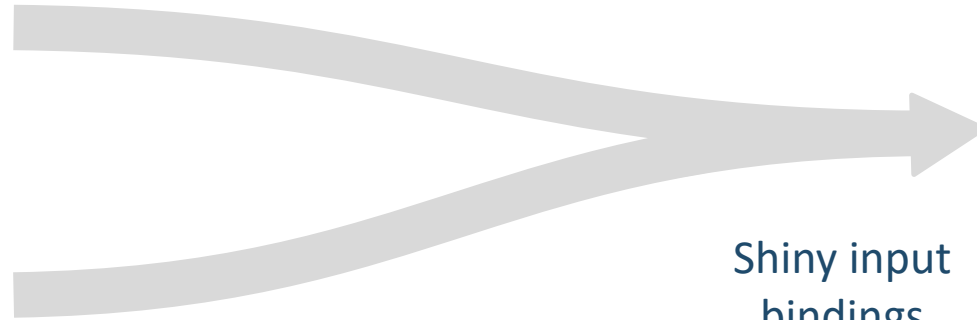
How it works



JavaScript libraries



CSS libraries

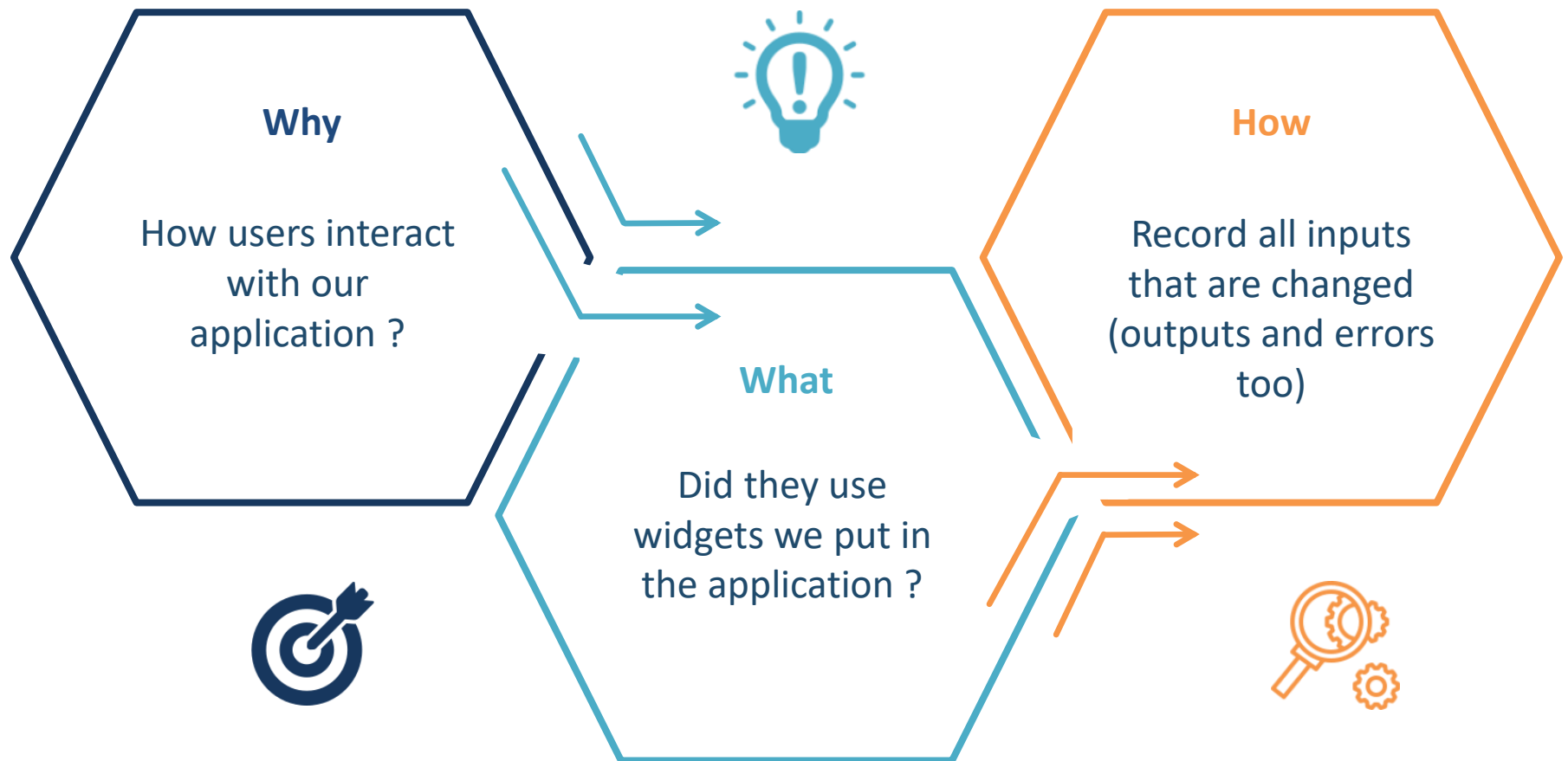


Shiny input
bindings



shinylogs

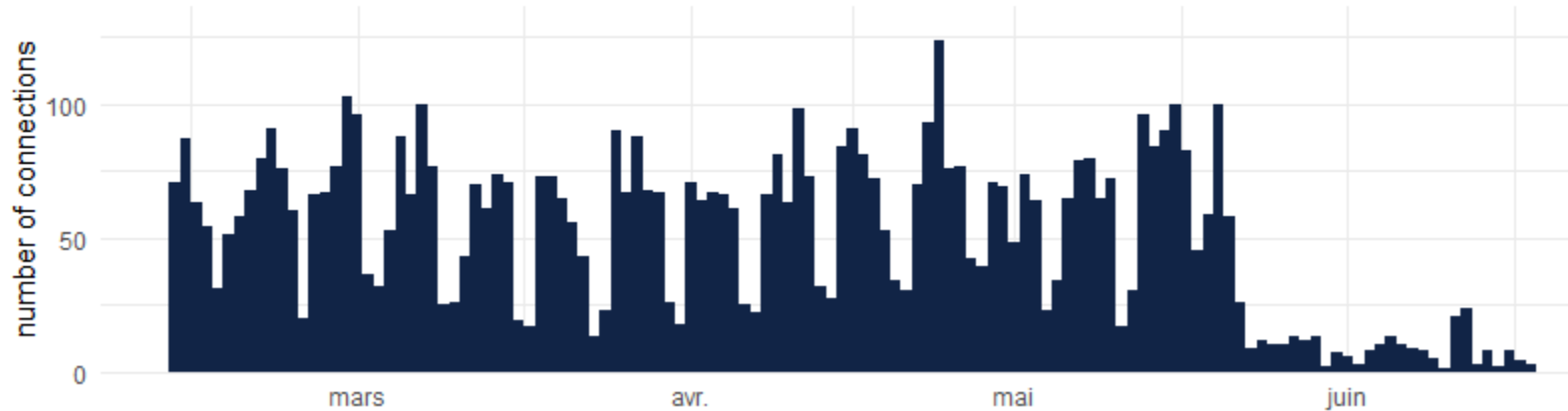
Motivation



shinylogs

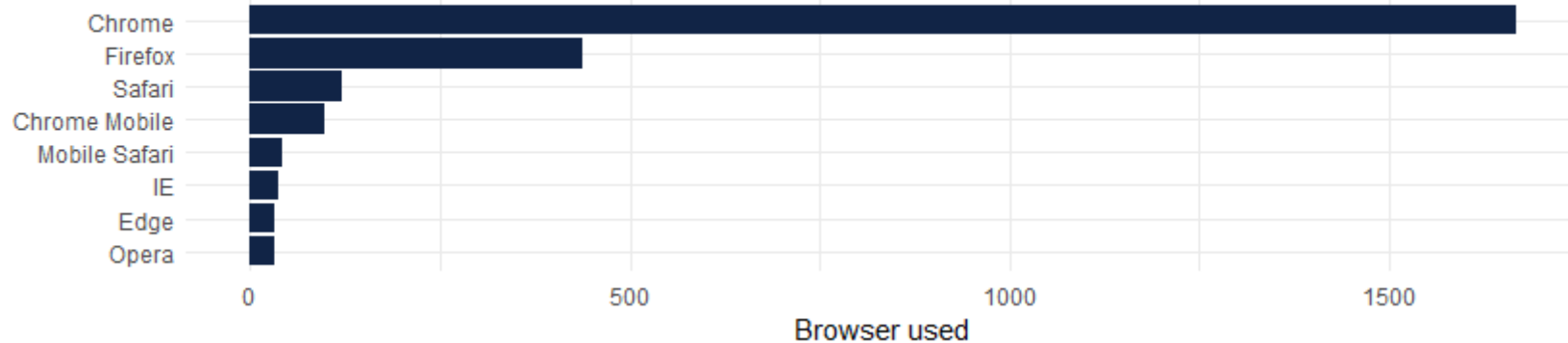
Example

Number of connections per day



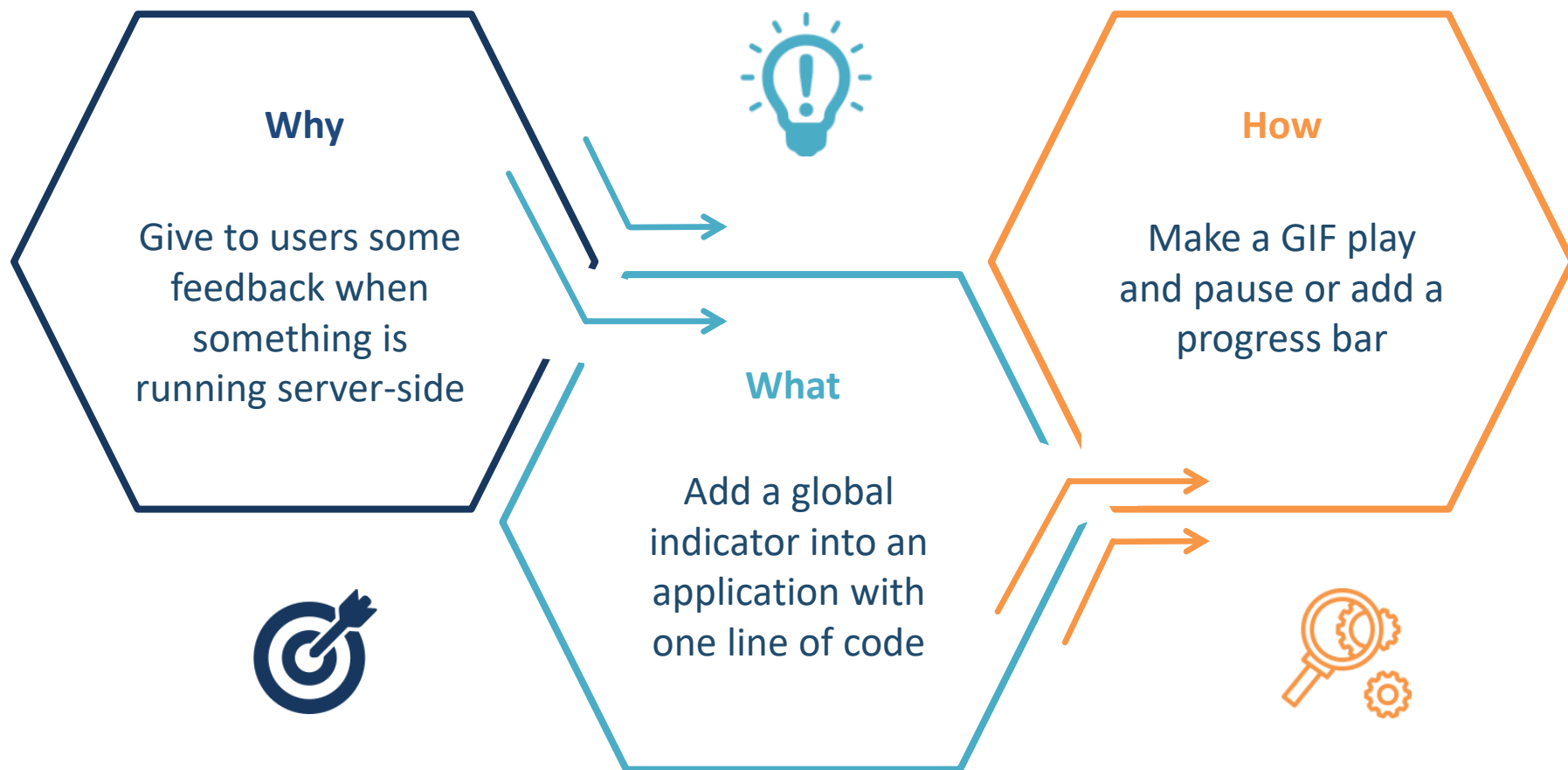
User agent family

Unique connections identified by user-agent X browser resolution



shinybusy

Motivation



shinybusy

Example

Iris k-means clustering

X Variable

Sepal.Length ▲

Sepal.Length

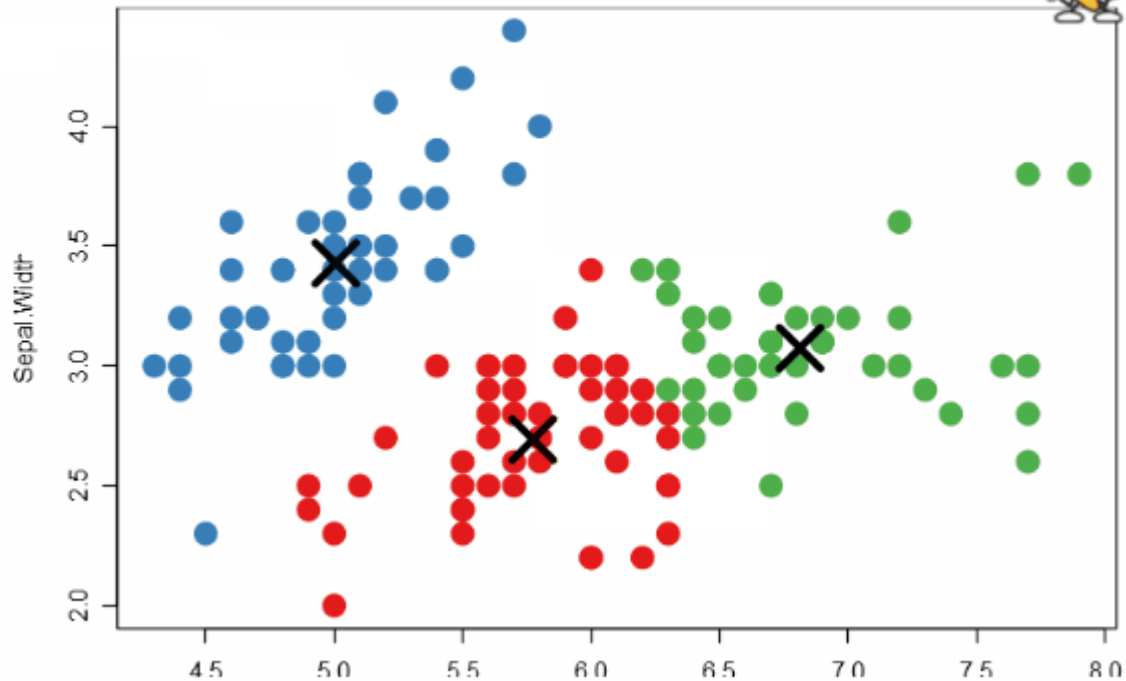
Sepal.Width

Petal.Length

Petal.Width

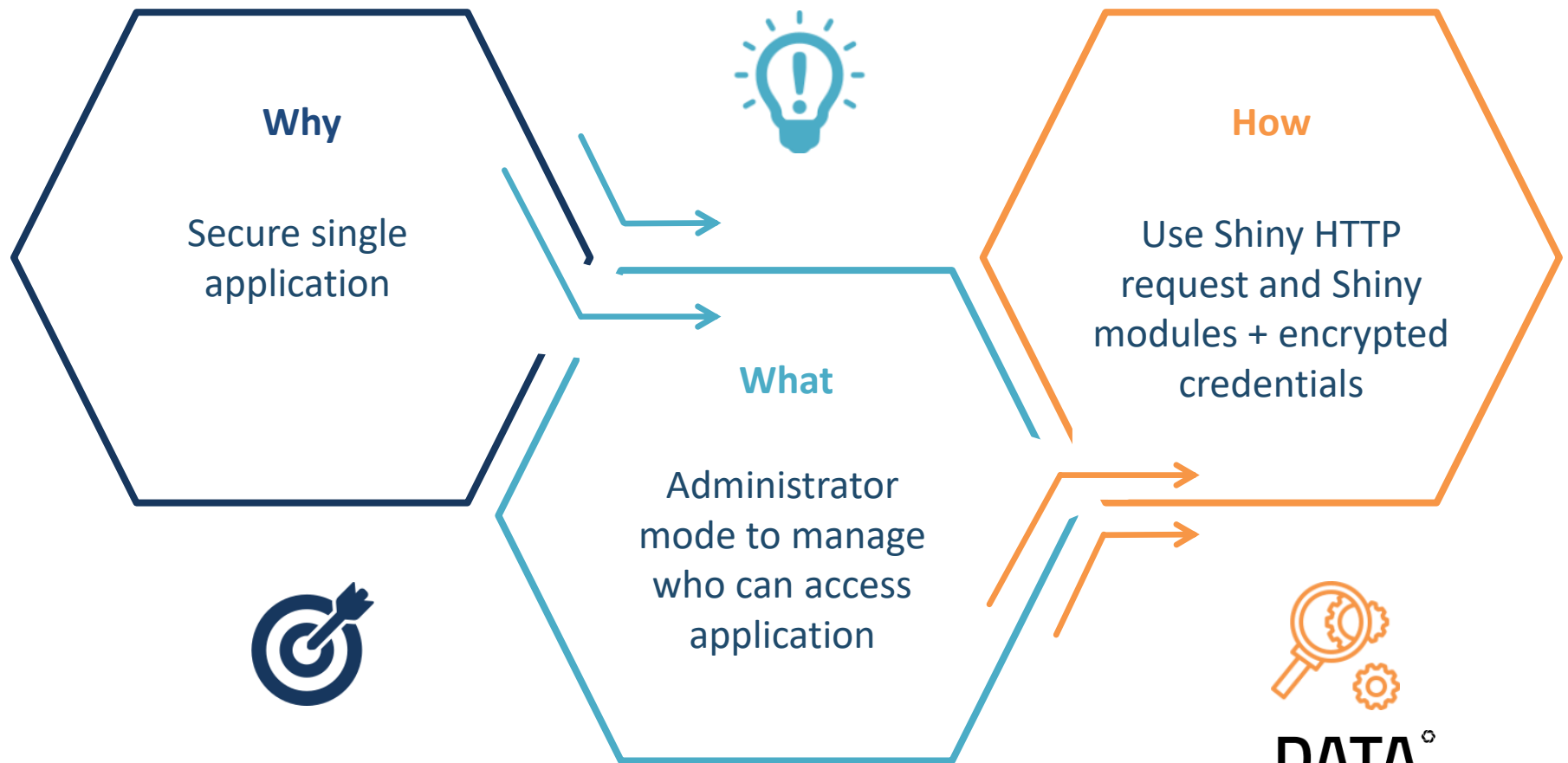
Species

Launch loong calculation



shinymanager

Motivation



shinymanager

Example

Please authenticate

Username:

Password:

LOGIN



shinymanager







Example

Users

+ ADD A USER

Show entries

Search:

User	Start	Expire	Admin	Comment	Applications	Age	Edit	Remove	Select
benoit.thieurmel@datastorm.fr			TRUE	alsace	app1;shiny-sqlite	14			<input type="checkbox"/>
victor		2019-12-31	TRUE	auvergne	app1	20			<input type="checkbox"/>
benoit		2019-12-31	FALSE	bretagne	shiny-sqlite	30			<input type="checkbox"/>

Showing 1 to 3 of 3 entries

Previous

1

Next



<https://github.com/datastorm-open/shinymanager>

Built with **DATA**[®]
STORM

CRAN 1.0

Thanks



Stay in touch

Twitter : [@dreamrs_fr](https://twitter.com/dreamrs_fr)

Our Shiny galery : <http://shinyapps.dreamrs.fr/>

Website : <https://www.dreamrs.fr/>

GitHub : <https://github.com/dreamRs>