

# useR! 2019

## Our Journey with Shiny



Toulouse  
July 12, 2019

Victor Perrier

# Shiny & us

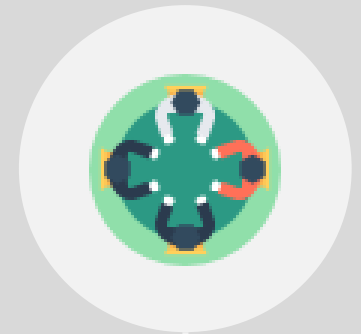
## History & context



When ?

Developing applications  
since 2014

What ?  
Dashboard & reportings



For whom ?

Mostly for operatives /  
Marketing analyst

# Shiny & us

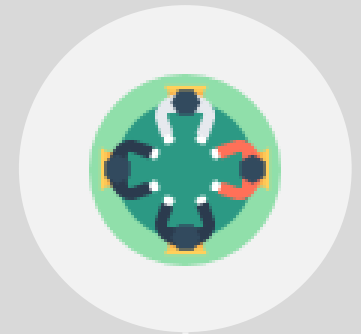
## History & context



When ?

Developing applications  
since 2014

What ?  
Dashboard & reportings



For whom ?

Mostly for operatives /  
Marketing analyst

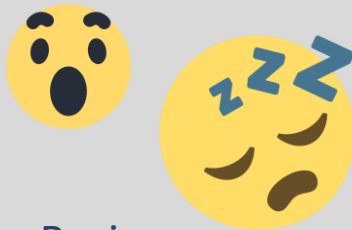
# shinyWidgets

## Motivation

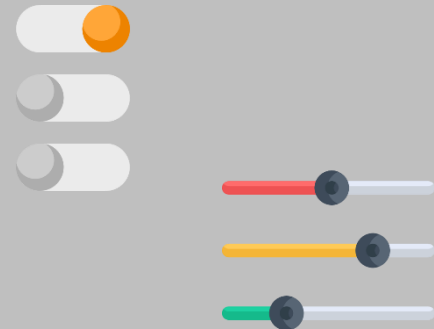


All our apps starts  
to looks the same

No more wow  
effect



Boring

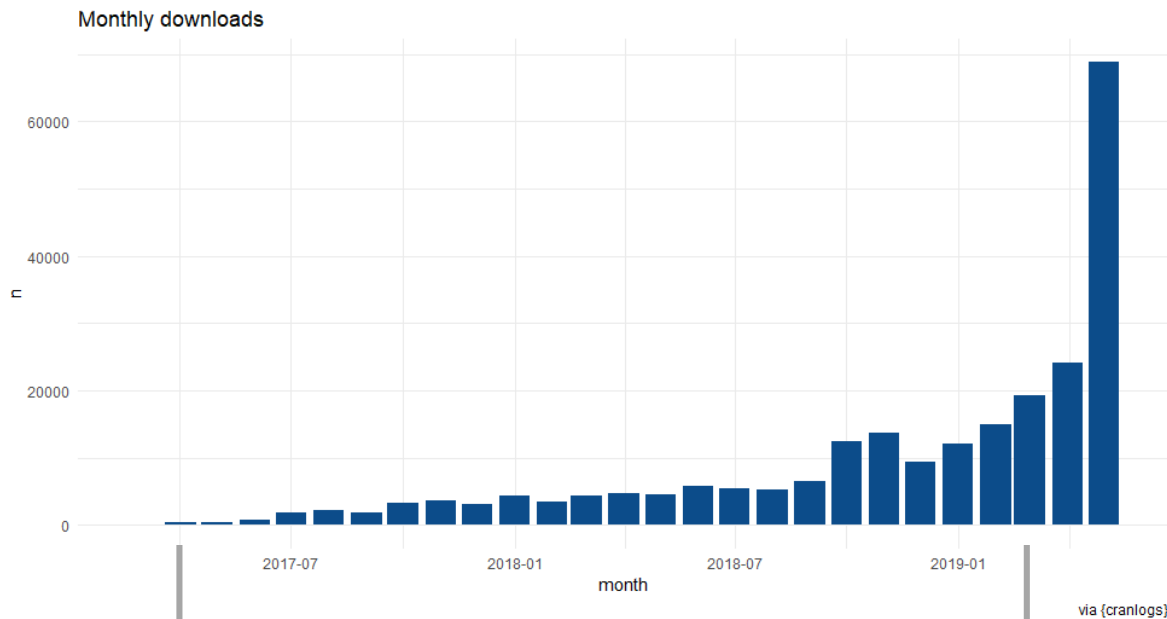


New widgets  
controls

# 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)

# shinyWidgets

## Examples

Select with « select all »  
button

Select/deselect all + format selected

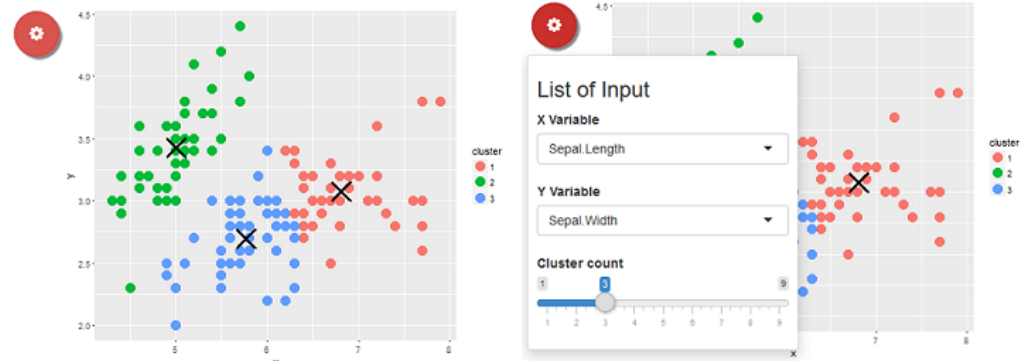
4 items selected

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"/>

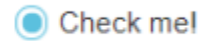
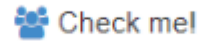
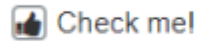
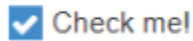
Material Switch



Dropdown menu



Checkboxes & radios with colors, icons and animations



# shinyWidgets

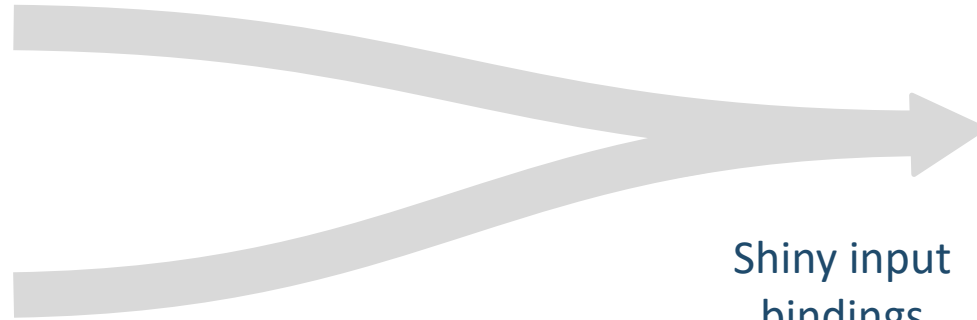
## How it works



JavaScript libraries

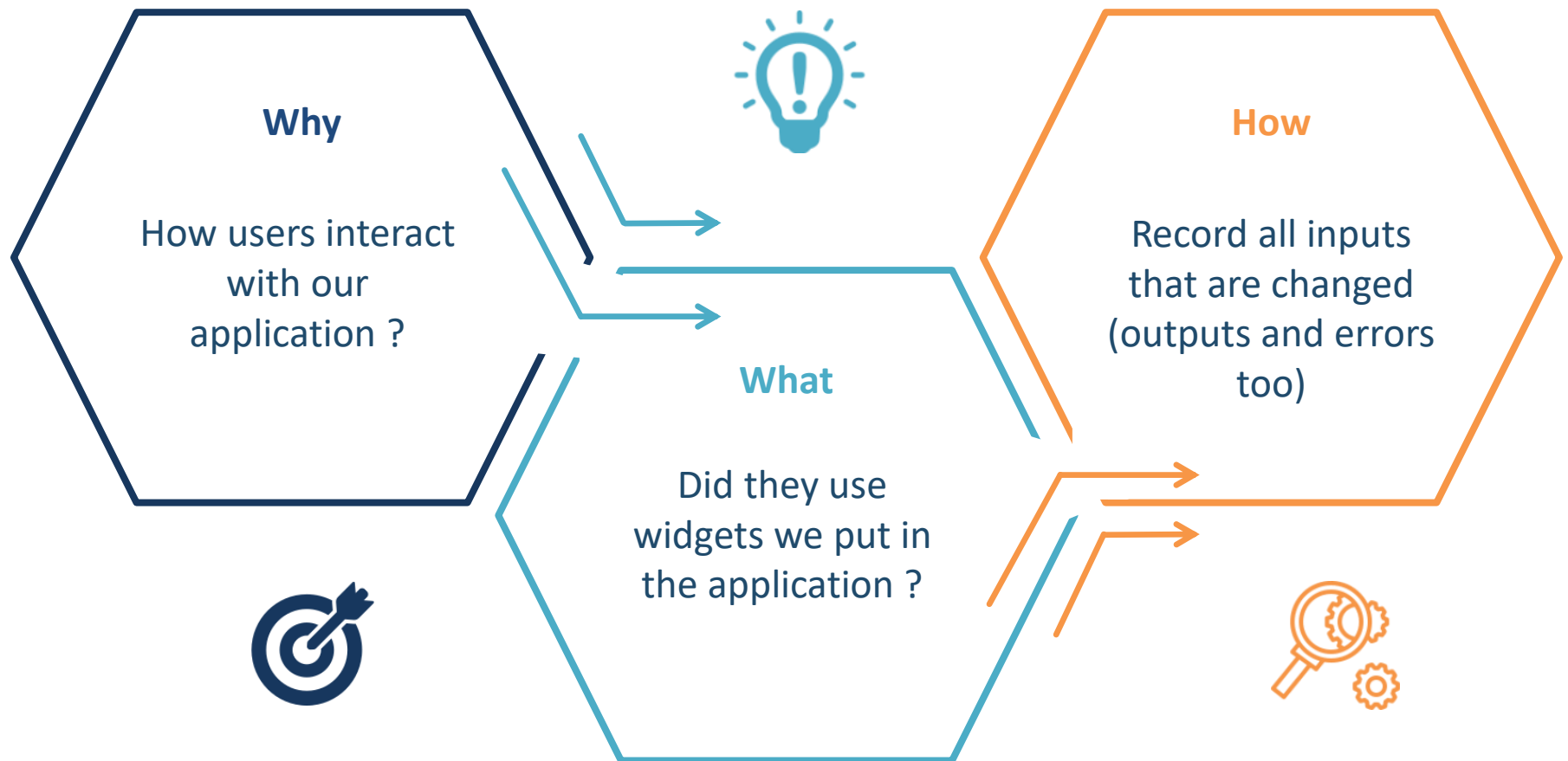


CSS libraries



# shinylogs

## Motivation

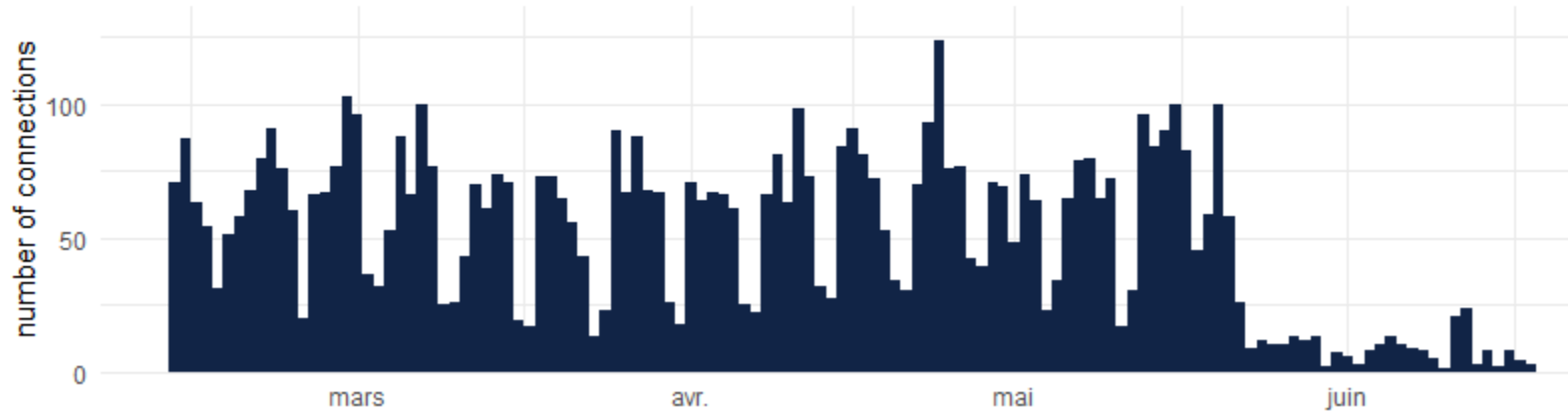




# shinylogs

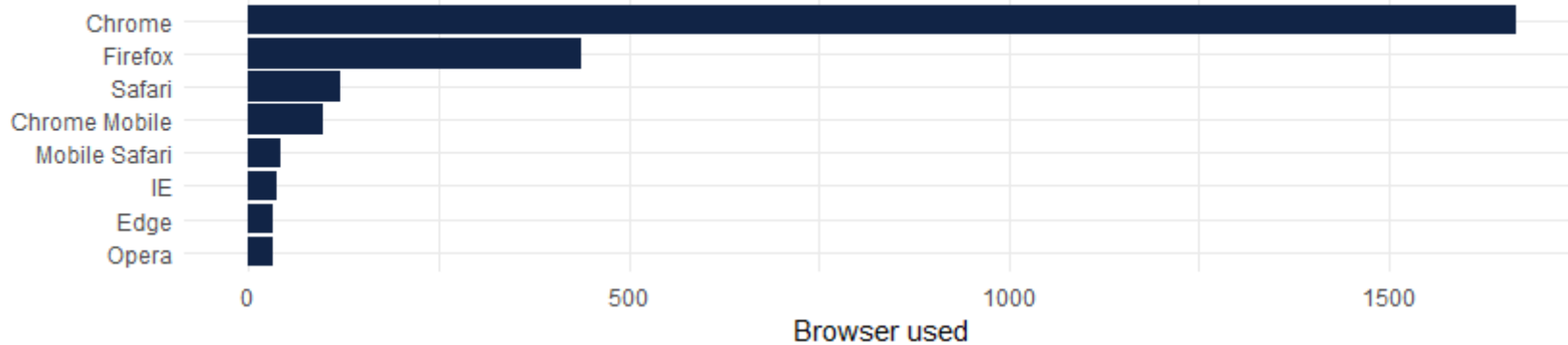
## Example

Number of connections per day



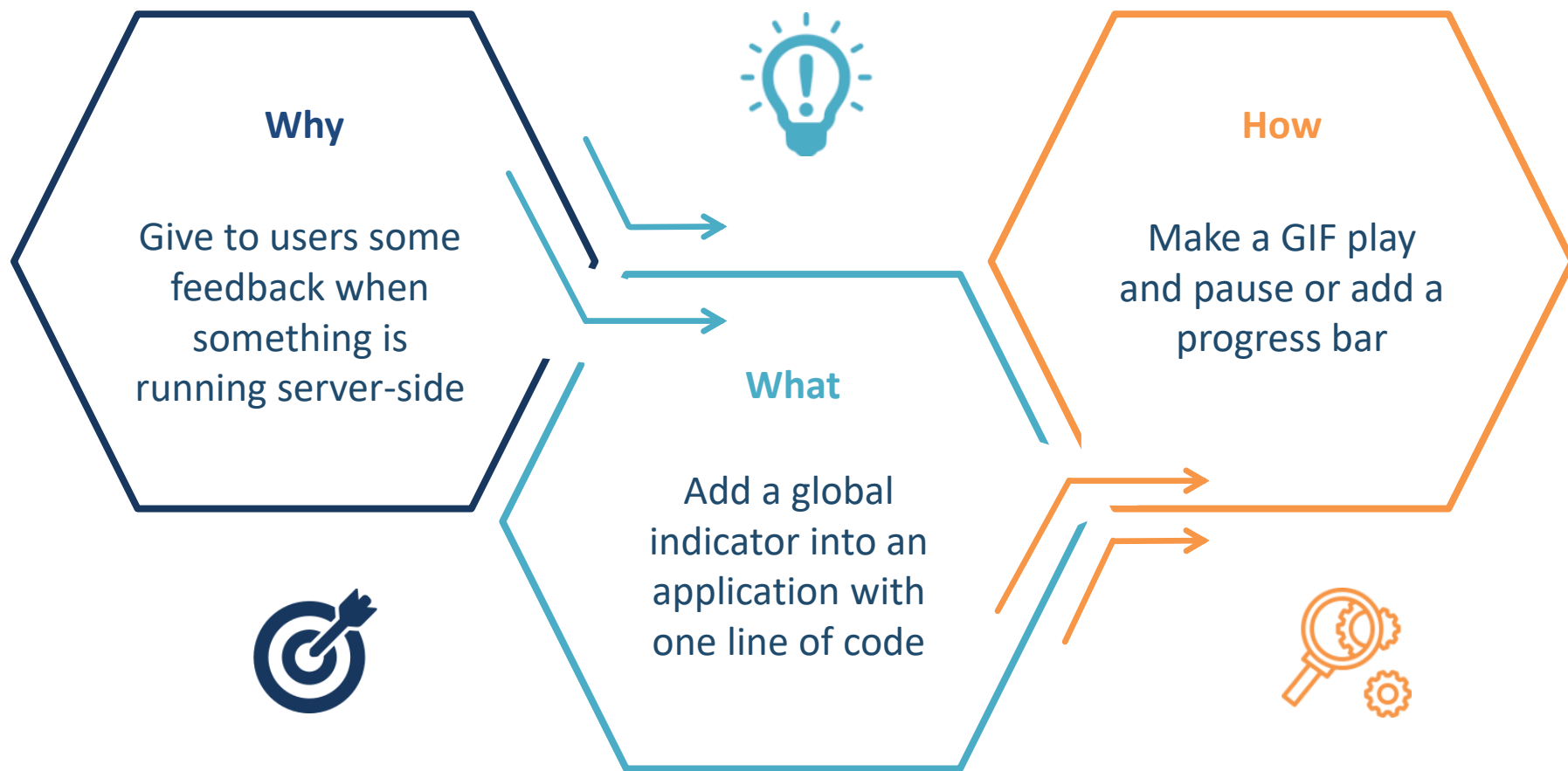
User agent family

Unique connections identified by user-agent X browser resolution



# shinybusy

## Motivation



# shinybusy

## Example

### Iris k-means clustering

X Variable

Sepal.Length ▲

Sepal.Length

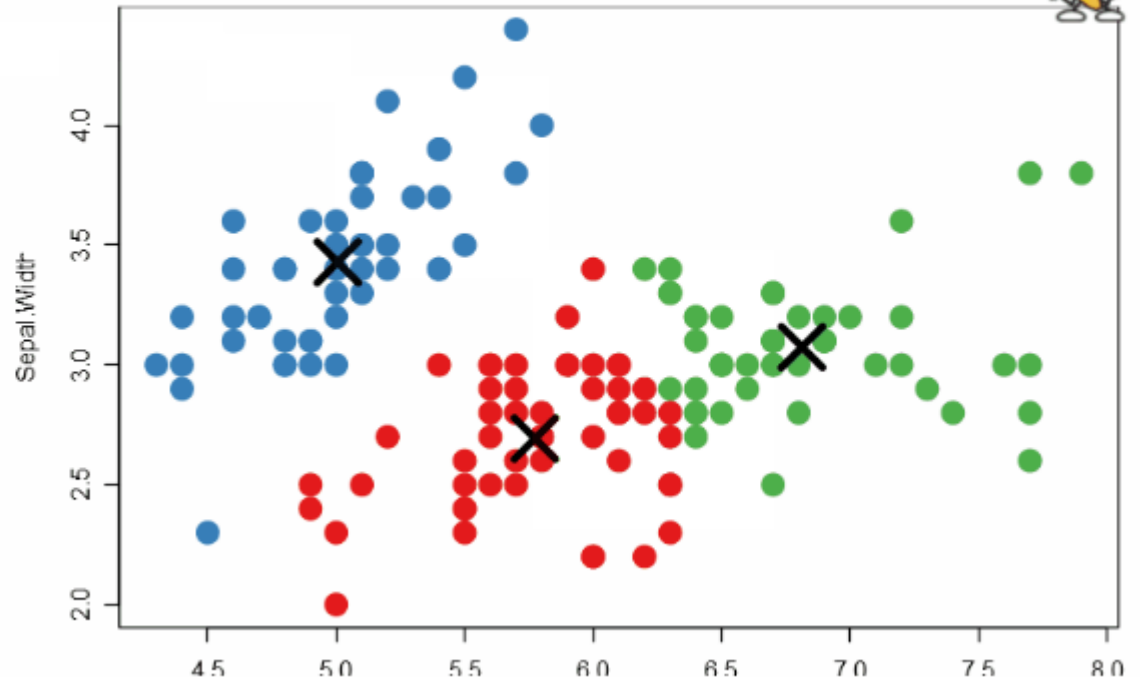
Sepal.Width

Petal.Length

Petal.Width

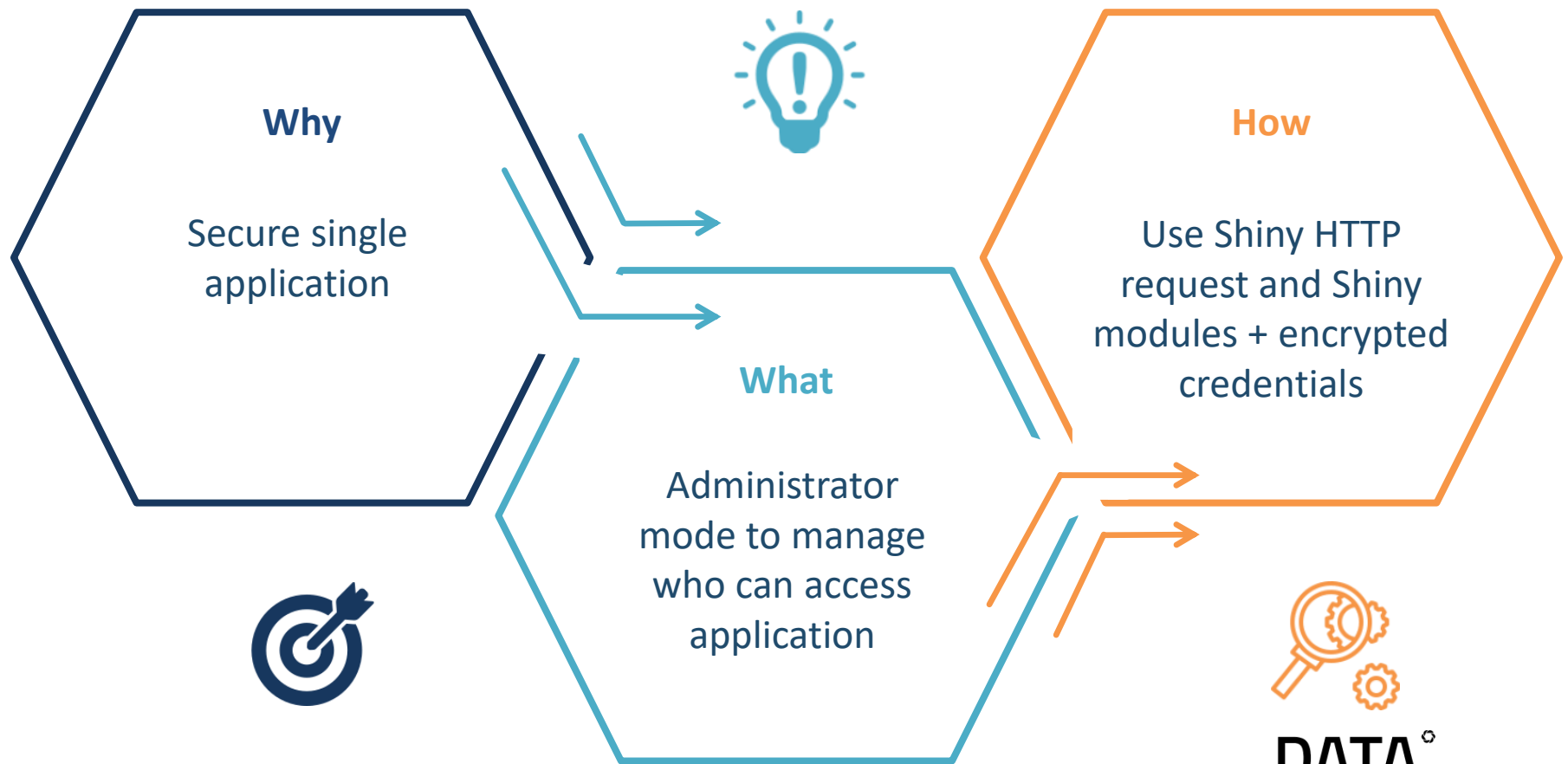
Species

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



Built with **DATA**<sup>®</sup>  
**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>