



ANKAMA

www.ankama.com

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Contents

- Introduction to Ankama
- Ankama's organisation and strategy
- Boufbowl Project video
- Boufbowl Architecture
- My contributions
- Conclusion

Ankama

- Company objective: digital and artistic creation
- ~400 employees
- Founded in 2001 as a web company by **Anthony Roux, Kamille Chafer, Emmanuel Darras**
- Located in Roubaix, France



Dofus

www.DOFUS.com

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LE SANG CHAUD S'ÉCHAPPE DE MON CORPS.

RÉPANDU DERRIÈRE MOI IL A FAIT FONDRE LA NEIGE...



LA BLESSURE NE SERA PAS MORTELLE SI
ELLE EST VITE SOIGNÉE...



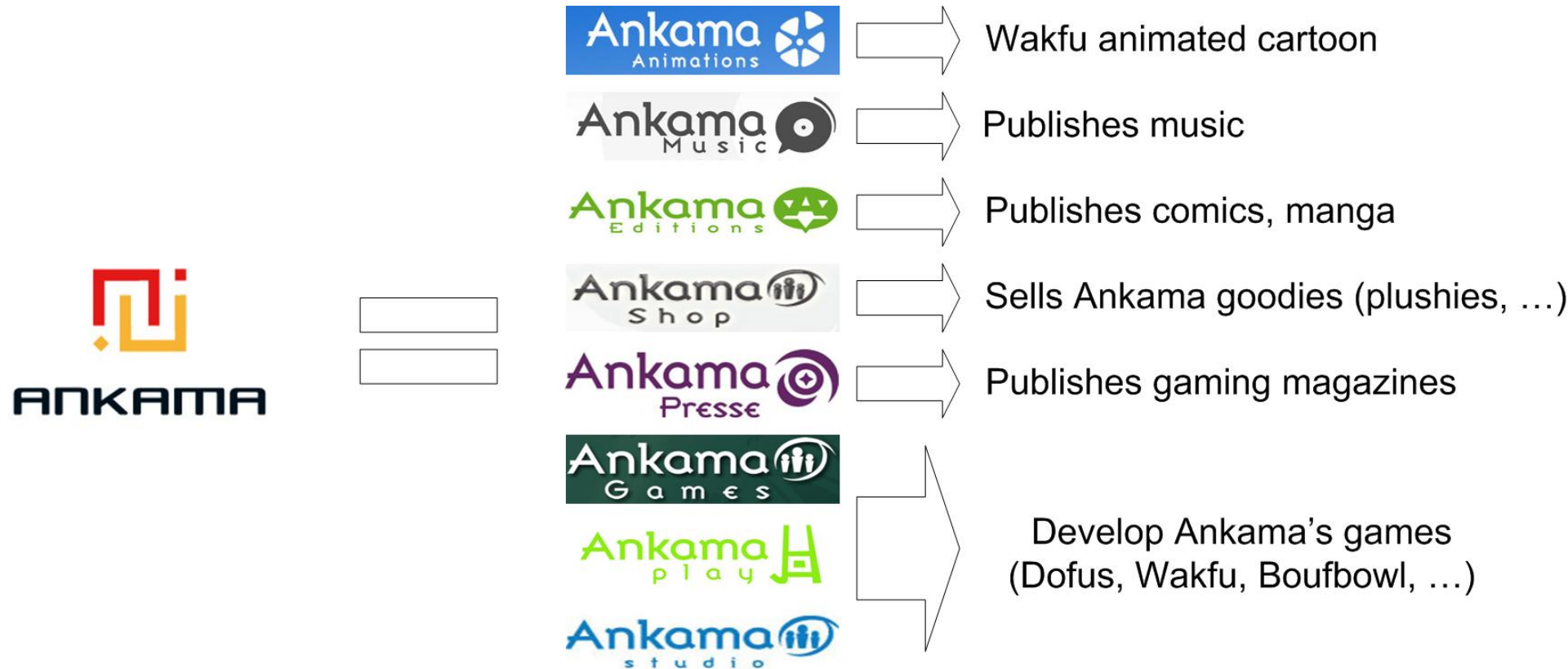
JE SUIS LE MASKIMANE ET
JE SOUFFRE !



... MAIS ÇA MÉTONNERAIT QUE MES POURSUIVANTS
M'EN LAISSENT LE TEMPS.

JE SUIS LE MASKIMANE. JE SOUFFRE ET JE MUIS !

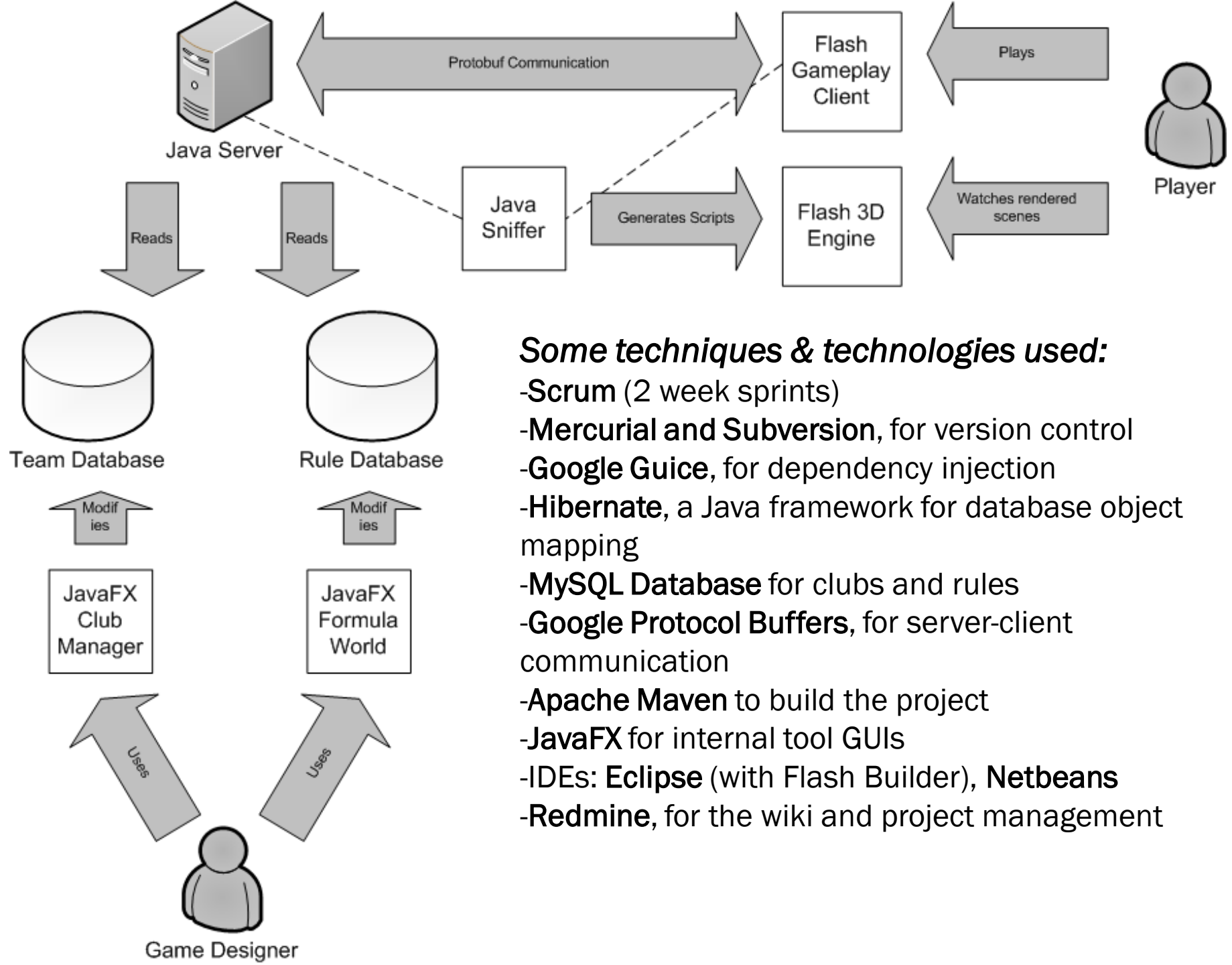
Organisation

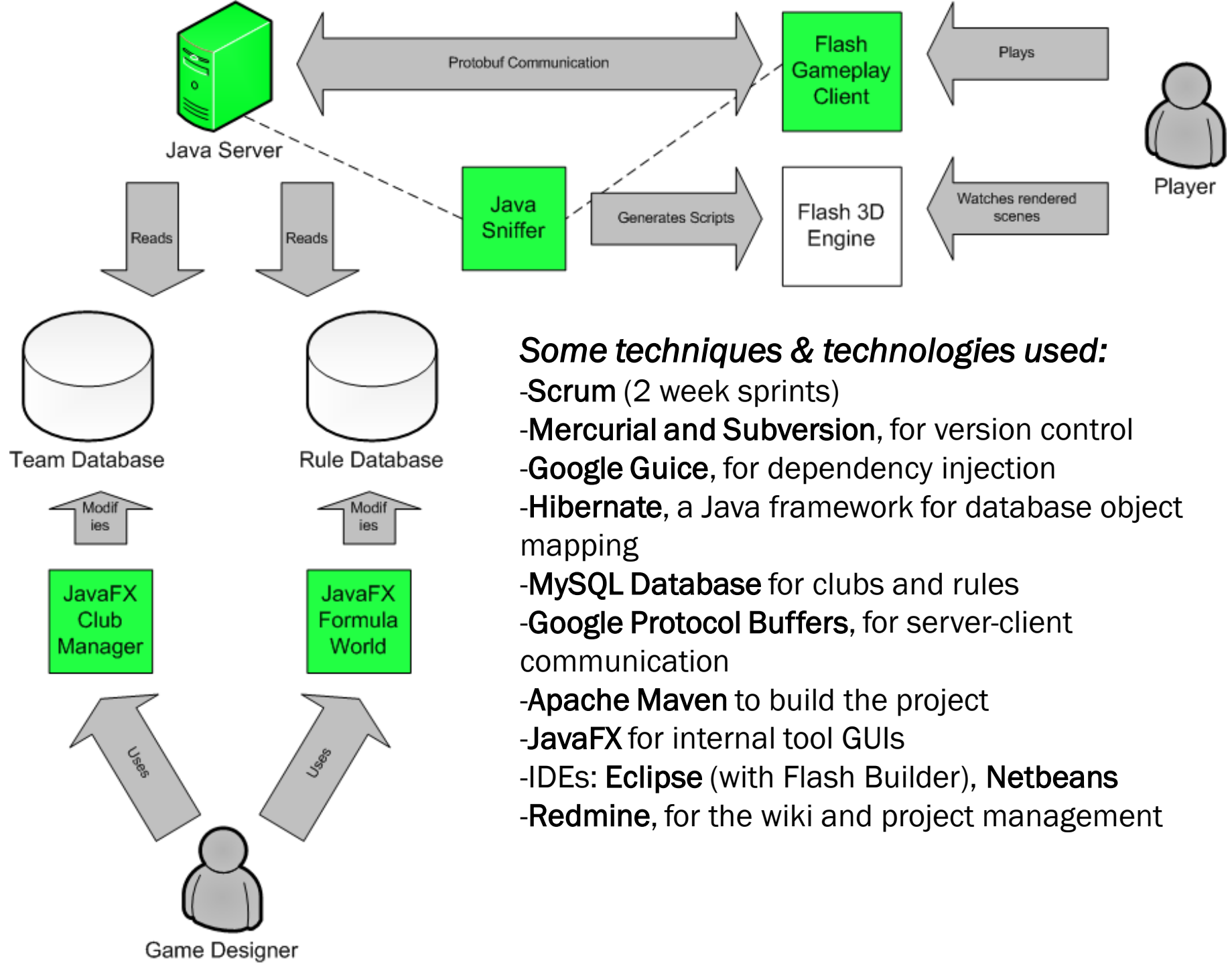


IS: 8
IBM: 92.434
IAX: 148.77

F5 pour recharger le modèle
Molette souris + Shift pour c
Molette souris + Ctrl pour au







Java Server Contributions

- **Gameplay features:** dodging, player collisions, player chasing
- **Architecture:** dice roll storage, resolution loop, player interactions, logging, Protobuf messages



File

Players

[illegible]

Available Clubs

Les Pioulettes Rouges

AbraK Attack

Les Pichons Bleus

tassins tassines

Refresh List

Load Selected Club

Position : X :	N/A	Y :	N/A
----------------	-----	-----	-----

Update Position

File

Abrak Attack

Players

Osamomo
Ecaflipflop
Enimportequoi
Pandanlesdents

Selected Player Information

Name: Ecaflipflop
Role: THROWER
Class: IOP
Earth: 20
Fire: 20
Air: 35
Water: 35
HP: 3
Regen: 1 every 4 turns

Edit PlayerAdd Player To TeamPosition : X : Y : Update Position

Teams

▼ Team Composition
▼ Team1
Osamomo
Pandanlesdents

File

Abrak Attack

Players

Osamomo
Ecaflipflop
Enimportequoi
Pandanlesdents

Create Player



Name

Role

RECEIVER

Filter Classes

Class

ZOBAL

Filter Roles

Edit

Earth

Fire

Air

Water

Create Player

Add Player To Team



Position : X :

Y :

Update Position

ms

Team Composition

Team1

Osamomo

Pandanlesdents

Formula Selection

gd.interaction.interception.duration
 gd.interaction.pass.duration
 gd.interaction.pickup.duration
 gd.interaction.reception.duration
 gd.interaction.tackle.damage
 gd.interaction.tackle.duration
 gd.interaction.tackle.stun.duration
 gd.interception.difficulty
 gd.interception.score
 gd.movement.reference.air
 gd.movement.reference.earth

Formula Information

Name:

Edit Formula

gd.interception.difficulty

Type:

passDifficulty, passScore, surroundingBoufbowlers

Value:

passScore - passDifficulty + 5 * surroundingBoufbowlers ^ 2 + 100

Comments:

seuil de réussite pour une interception (équipe adverse du lanceur)

Save Formula

New Formula Rule

New Table Rule

Formula Evaluator

Variable	Value
surroundingBoufbowler	
passScore	
passDifficulty	

Edit Value

Evaluate

Rolls:

Intervals:

Generate Graph

Formula Selection

- gd.pass.difficulty
- gd.pass.difficulty.table
- gd.pass.dispersion.table
- gd.pass.score
- gd.pass.velocity
- gd.pass.velocity.table
- gd.pickup.difficulty
- gd.pickup.score
- gd.reception.difficulty
- gd.reception.score
- gd.score.limit

Formula Information

Name:

Value:

Input	Output
0.1	10.0
0.2	20.0

Comments:

Add Row

Delete Row

Save Formula

Formula Evaluator

Variable	Value
surroundingBoufowler	
passScore	
passDifficulty	

Edit Value

Evaluate

Rolls:

Intervals:

Generate Graph

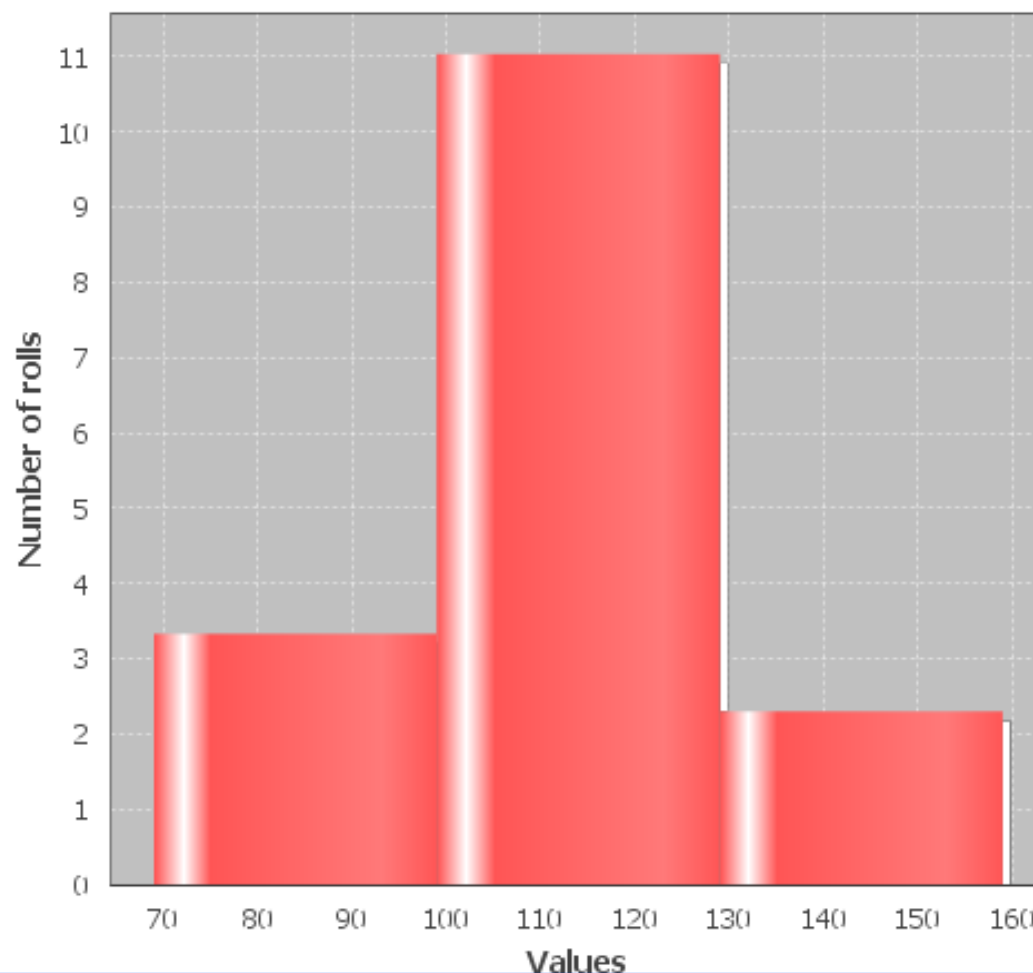
Formula Selection

Formula Information

Formula Evaluator

Stats

Stats for gd.reception.score



Variable	Value
airOrder	5
airAttribute	7

Edit Value

Evaluate

126.0

Rolls:

Intervals:

500

30

Generate Graph



LEFT_TEAM_NAME

00

RIGHT_TEAM_NAME

OK

POPOFS

TROUDUFONDS

Bowler_NAME



What I've learned

- Technical skills: improved Java, learned Flash ActionScript 3, JavaFX, interface design, Agile Development, design patterns, code quality, testing
- Professional skills: workplace politics, working as a team for deadlines,
- Personal skills: how to deal with difficult neighbour situations

Useful DOC courses

- All the software engineering courses
- Algorithms
- Databases
- 3rd year group project

The Boufbowl team



Chewie



Nicolas



Lucie



Loic



Remi



Fabrice



Franck



Kevin



Sephy



Loic



Alexis



Fafah