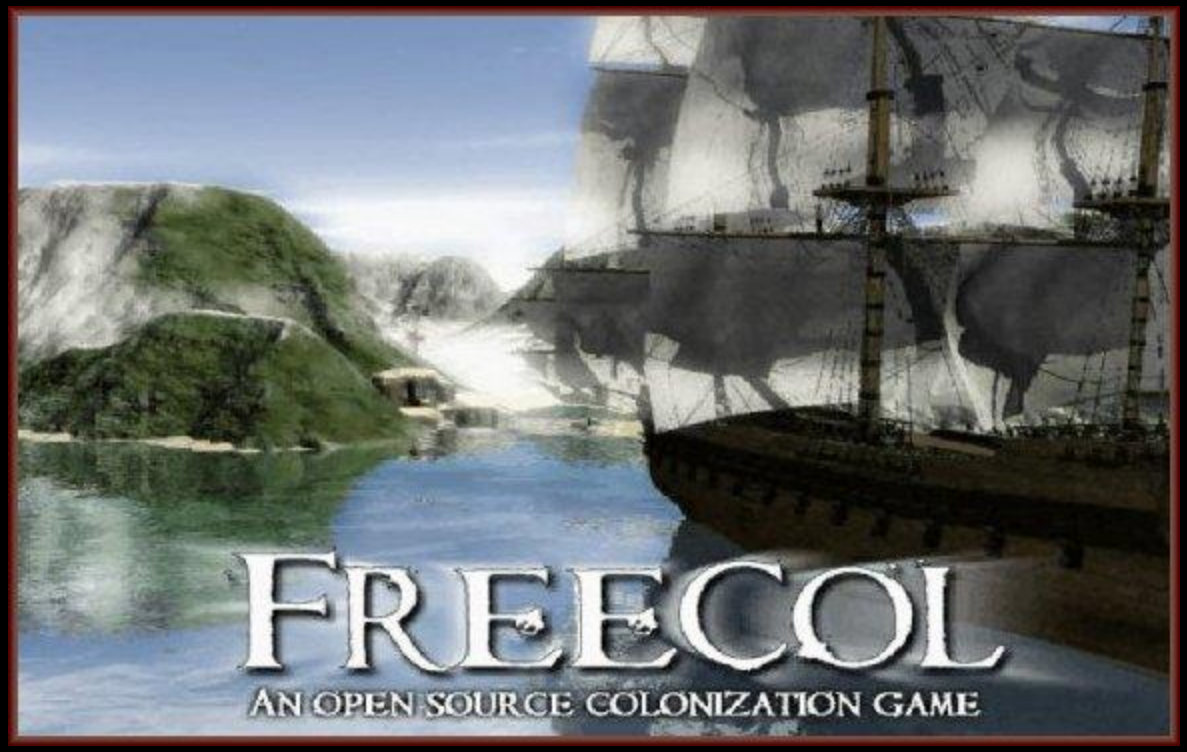
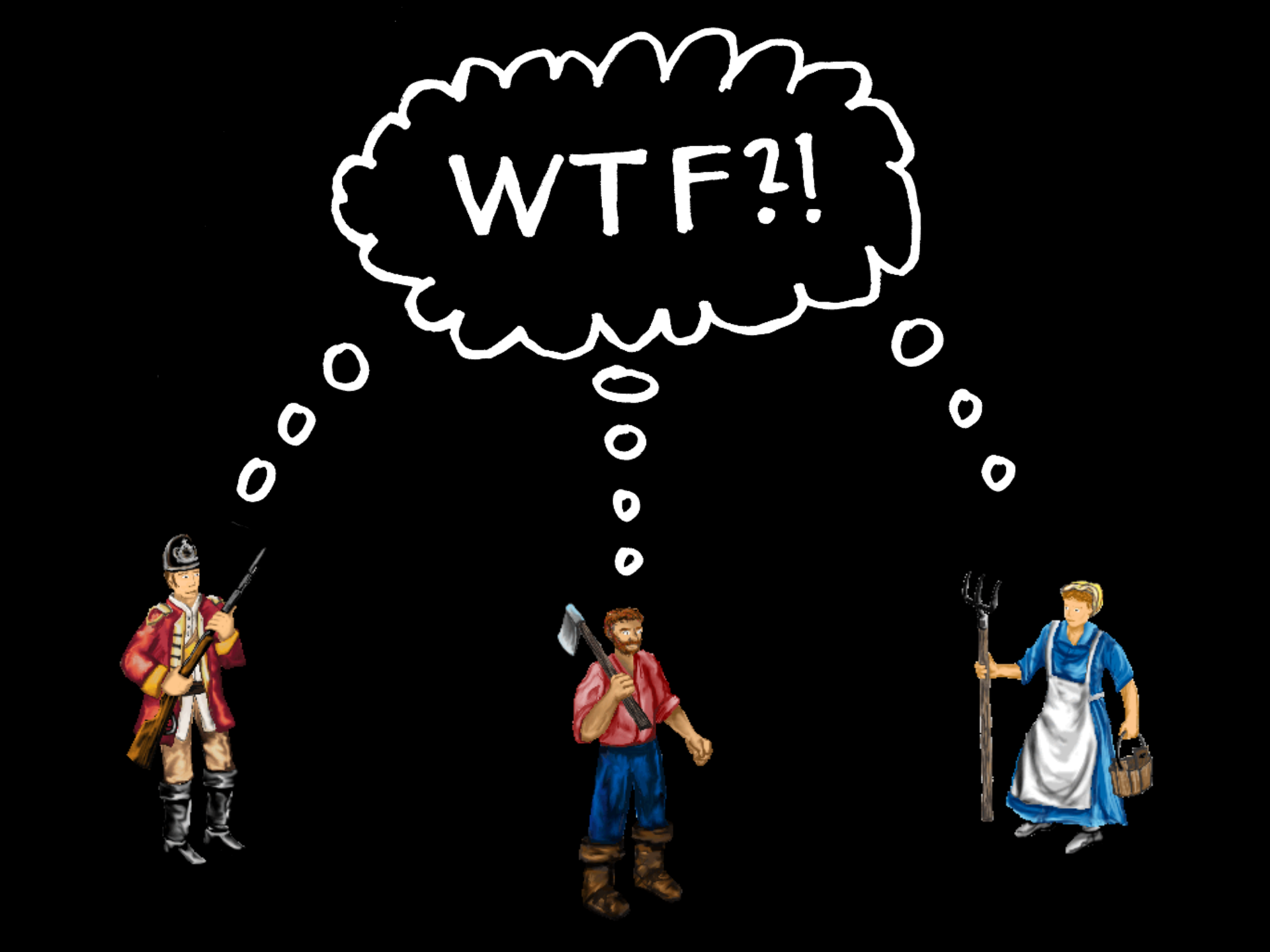
THE UNCOMFORTABLE TRUTH OF BAD CODE

February 2016

Delivering Transformation. Together.

sopra steria


FREECOL
AN OPEN SOURCE COLONIZATION GAME


WTF?!

Rewritten

What will happen?

Horribly patched

Bug?

Feature?

Clutter?

What is **bad code**?

negative impact

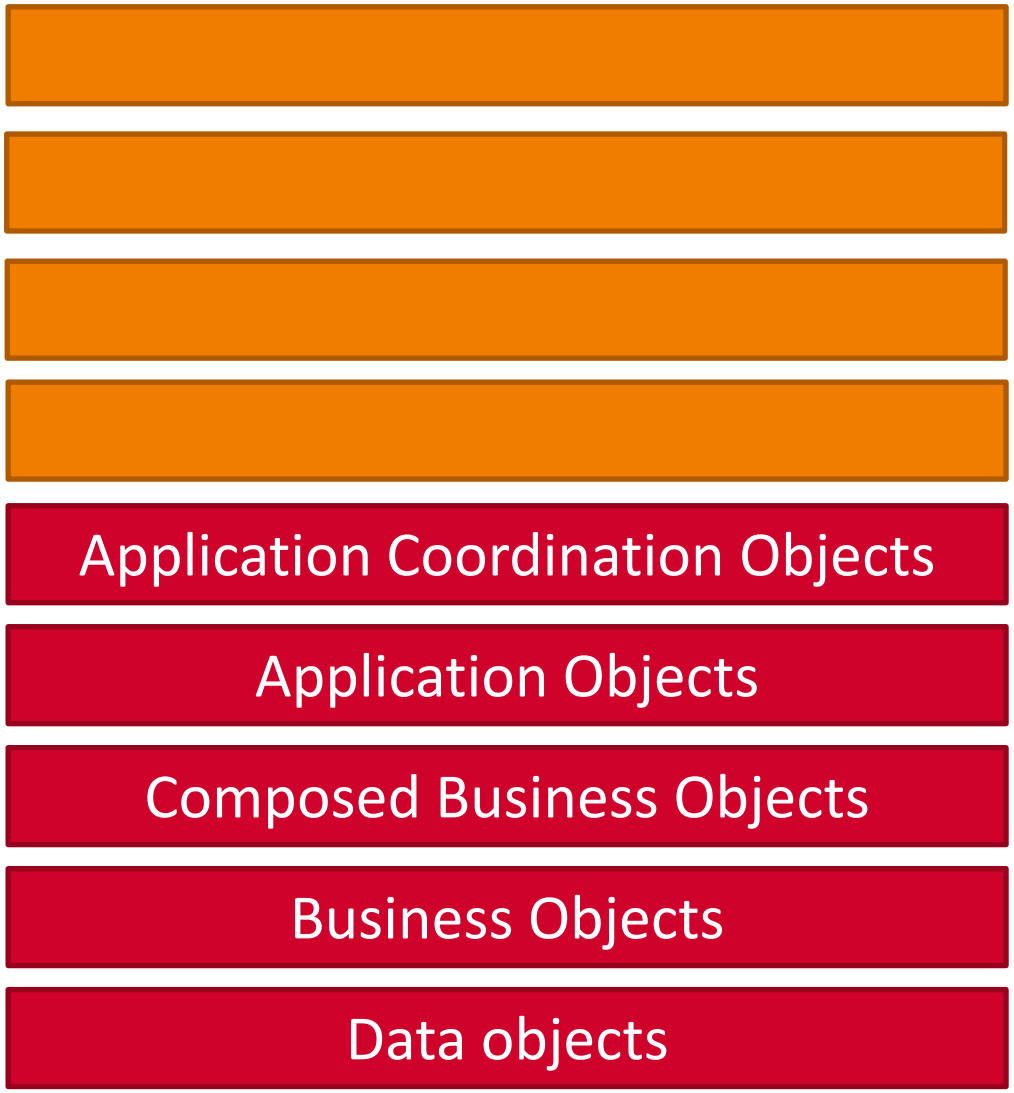
for no obvious reason

”

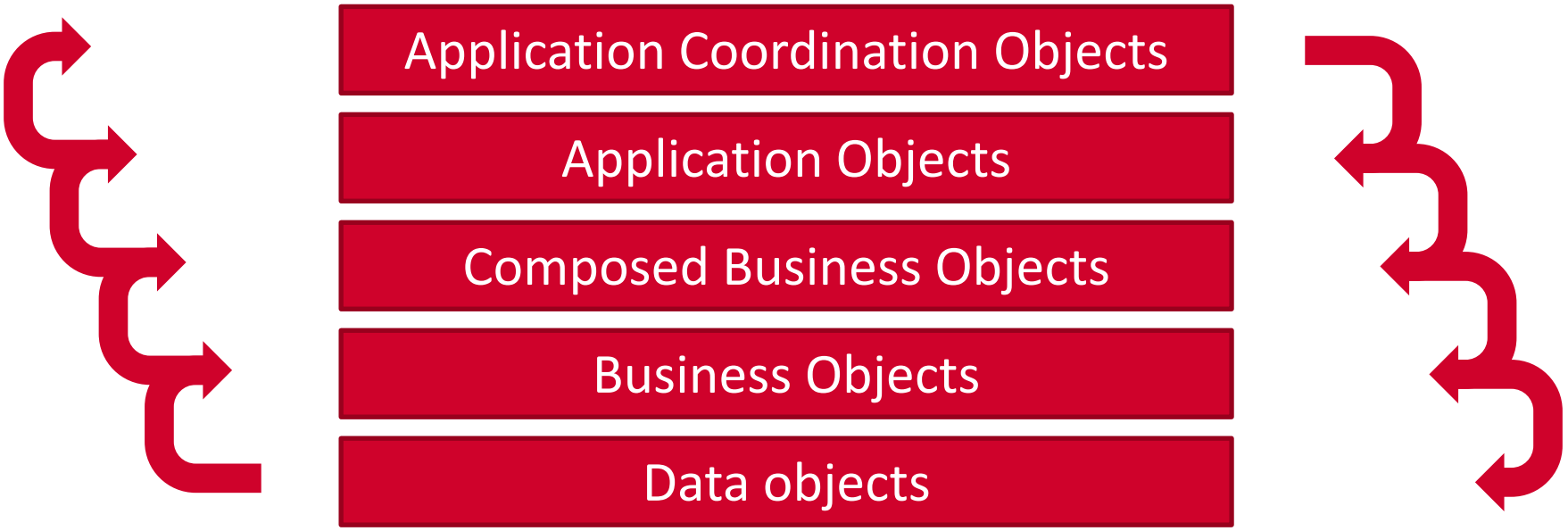
Good code has good reason for accepting the negative impact caused by the code

Understand why!

Example


Application Coordination Objects
Application Objects
Composed Business Objects
Business Objects
Data objects

excuses


Application Coordination Objects
Application Objects
Composed Business Objects
Business Objects
Data objects

CV Driven Development ?

Negative impact

```
else if ((iDag == 29) && (iAar != 0 && iAar != 4
  && iAar != 8 && iAar != 12 && iAar != 16
  && iAar != 20 && iAar != 24 && iAar != 28
  && iAar != 32 && iAar != 36 && iAar != 40))
```

”

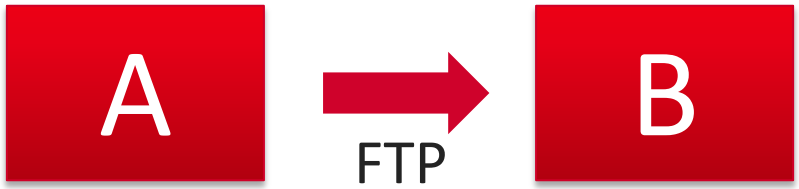
It's like a journalist asking for money to heighten the literary quality of a newspaper by rewriting everything into the form of Shakespearean verse!

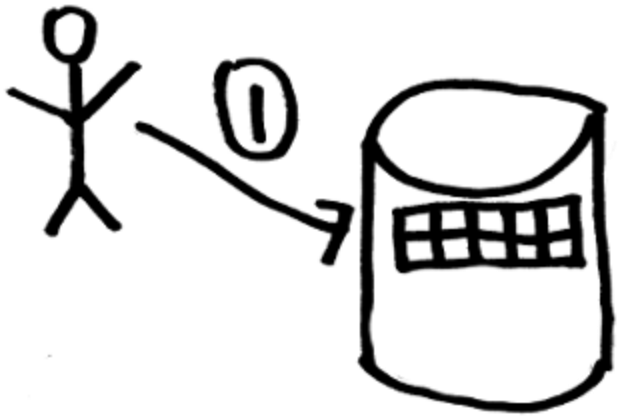
”

Your worst code might actually be the one you are the most proud of!

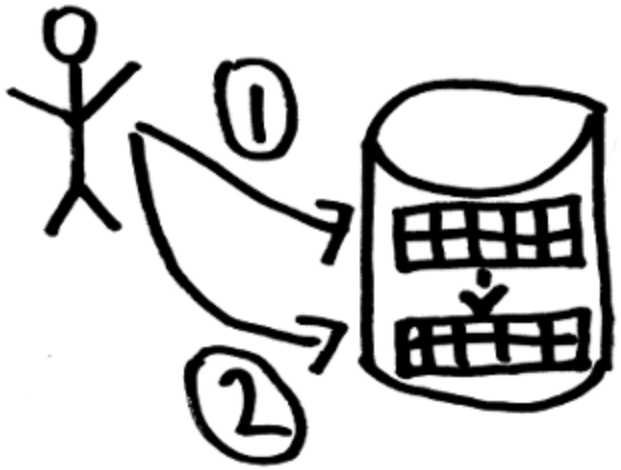
Evolving purpose

Example


A
FTP
B

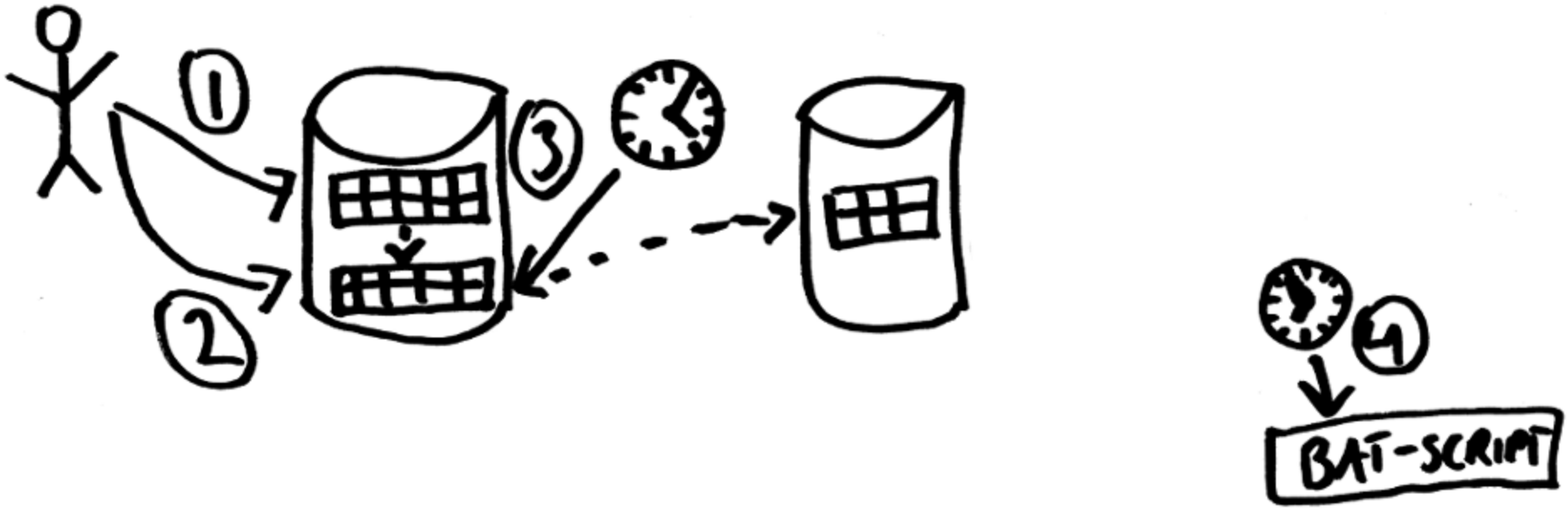


Storing data in database tables

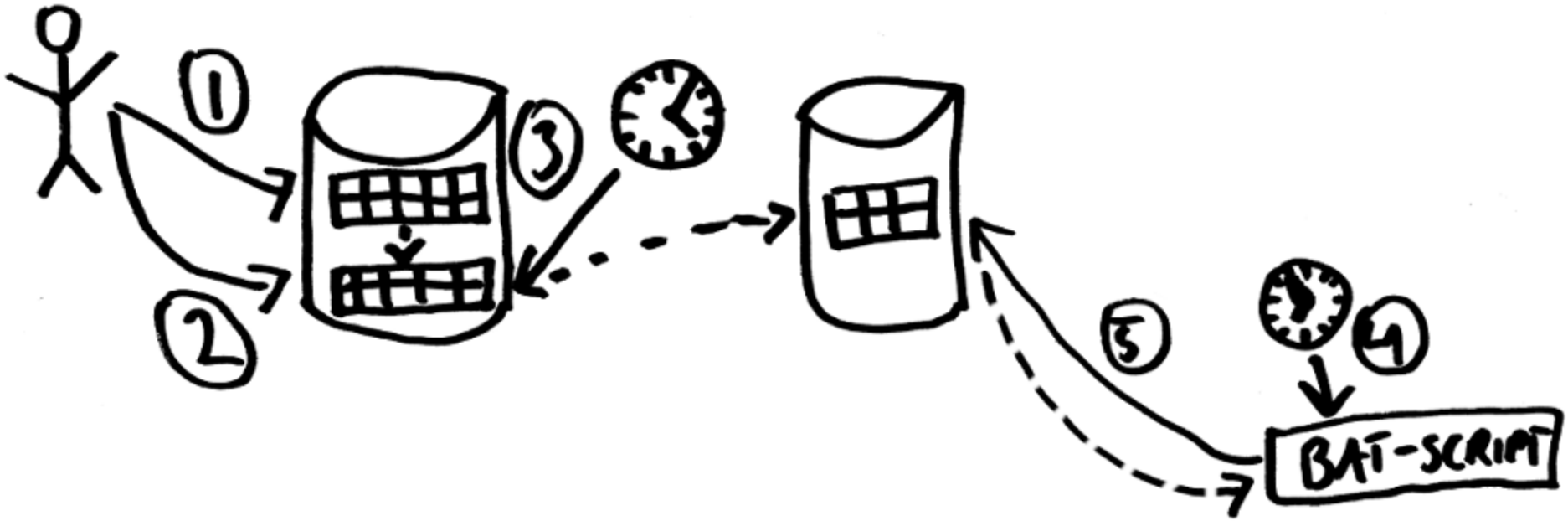


Calling a PL/SQL procedure

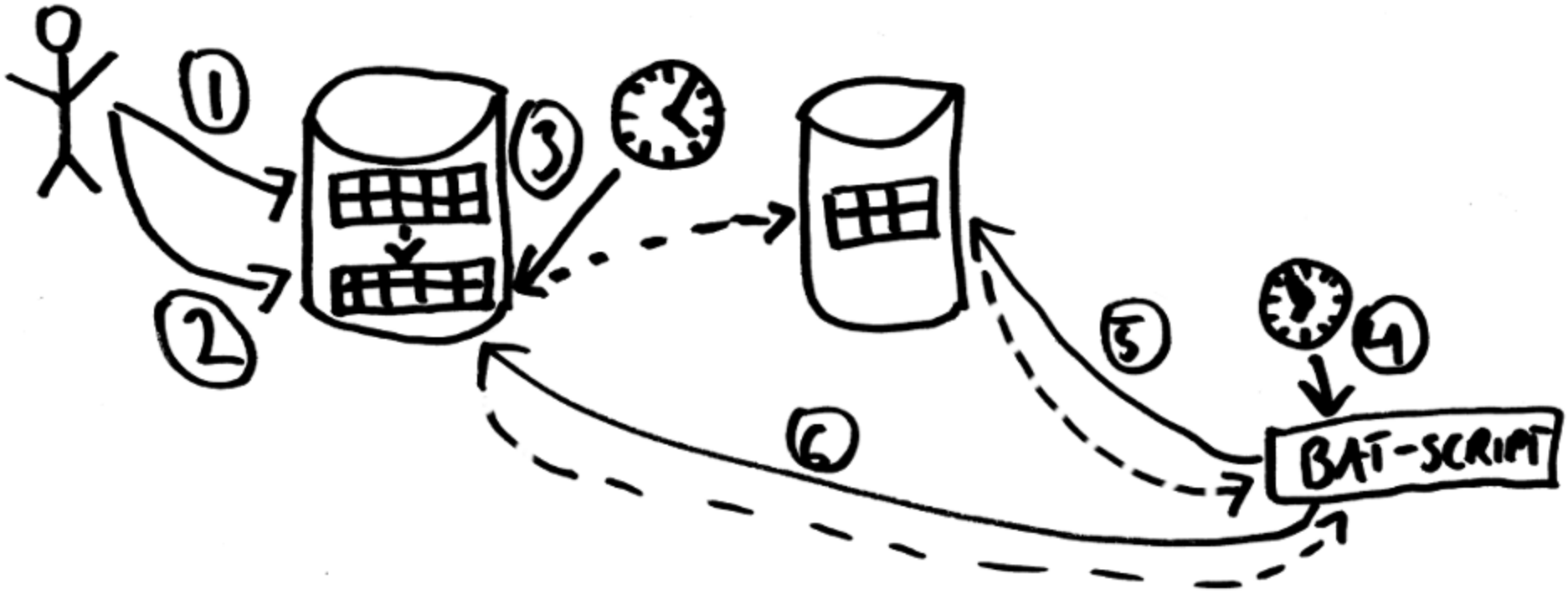
Database scheduler on another database instance



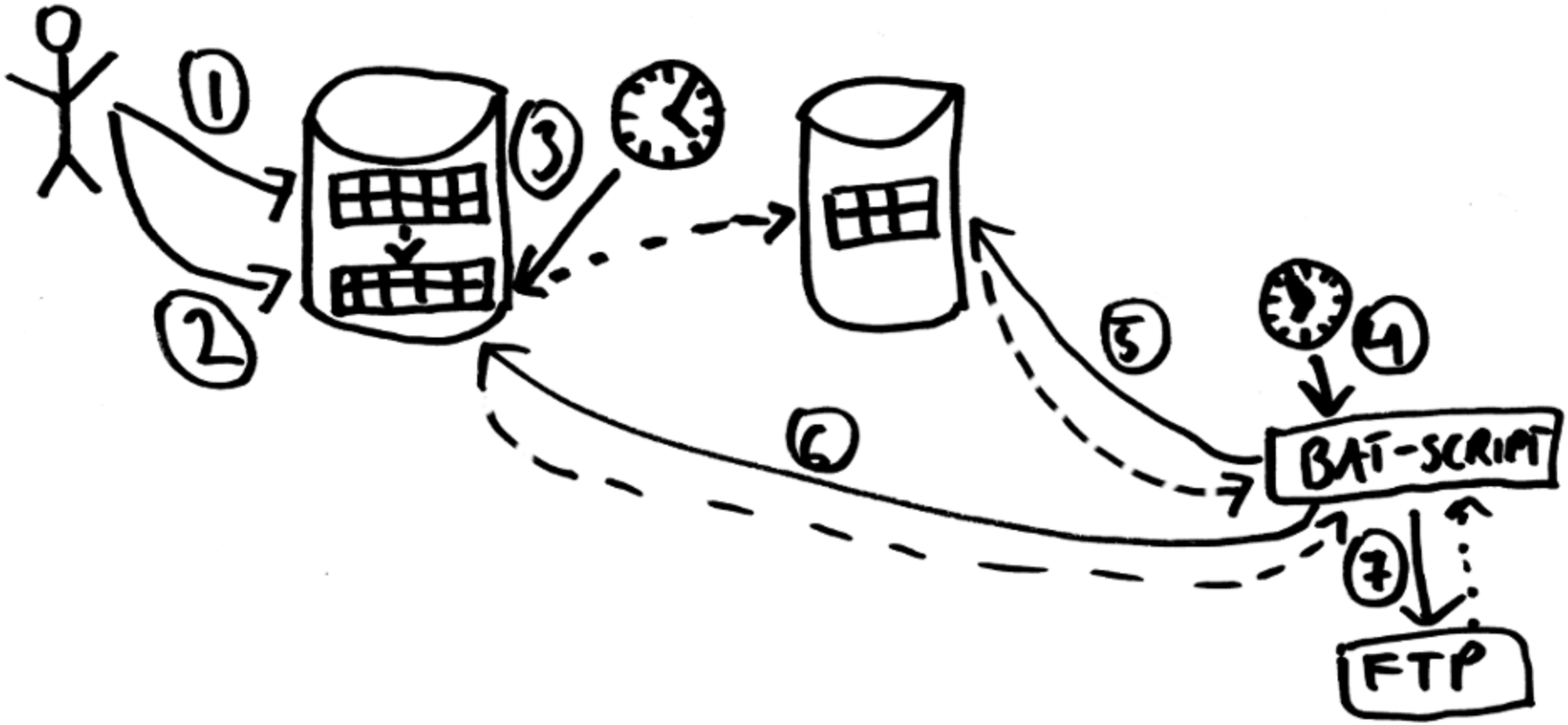
Windows scheduler executing a Windows batch script



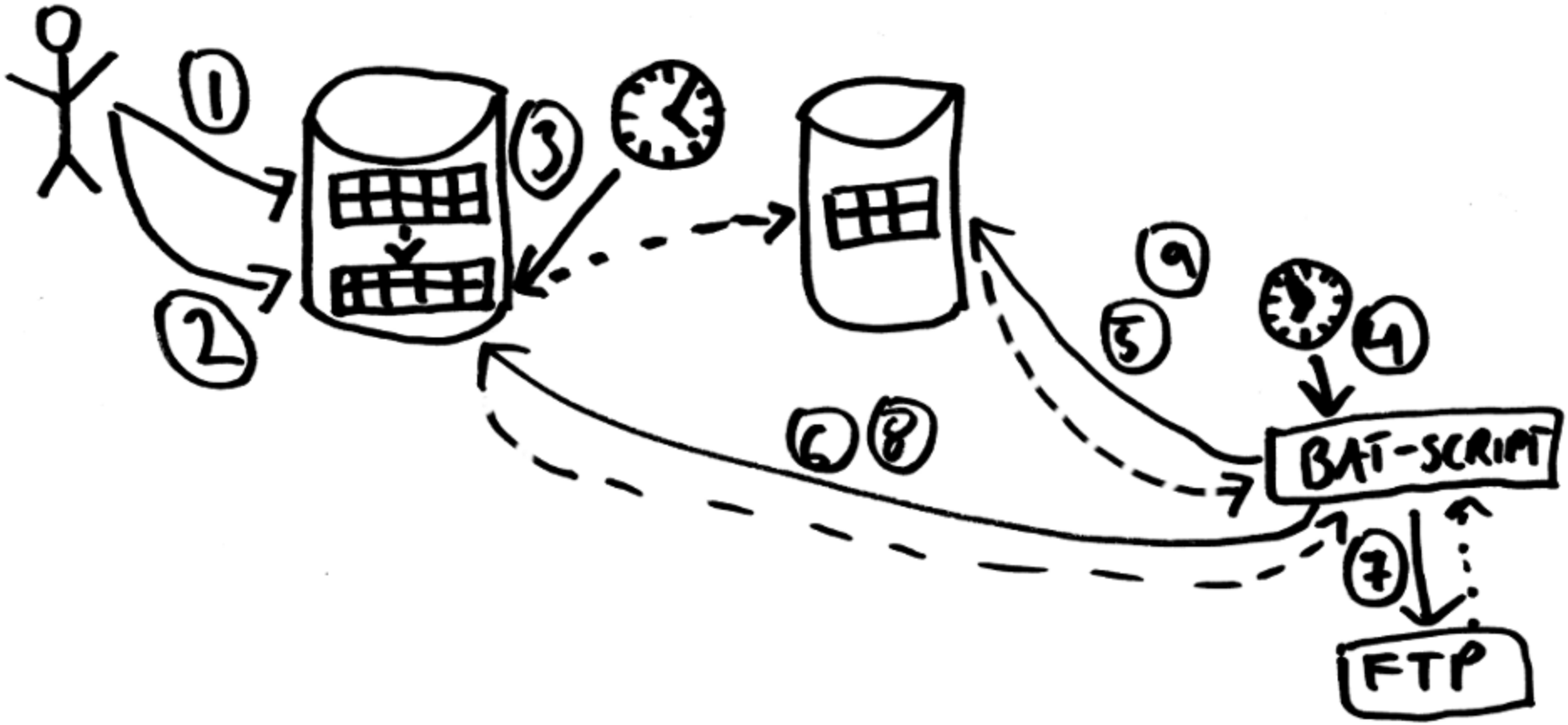
Runs sqlplus



Runs sqlplus



Runs FTP program



Perl & sqlplus

”

The solution was not created by a lone bad programmer. It was a team effort.

”

While bad developers can certainly write really bad code - the good developers are much better at it.

Understand why!

Explain why!

Cooperate!

Full presentation May 12th

at

Kungsbron - Västra Järnvägsgatan 23