Reviving Old Software

How bring KDE 1 to run on modern systems teached lessons on software backporting

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Who am i ?

Long time Open Source Developer, KDE passionate, bad hobby Dj and electronic music producer and don't remember how end up working on so many industries in his career...

Right now work @ BMW

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Why ?
BUT WHY ???

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Why do we have Museums ?

There's some other pratical reasons beyond Archeology !

Where all started ...

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The Banrisul "Tux" ATM, picture from John MadDog Hall
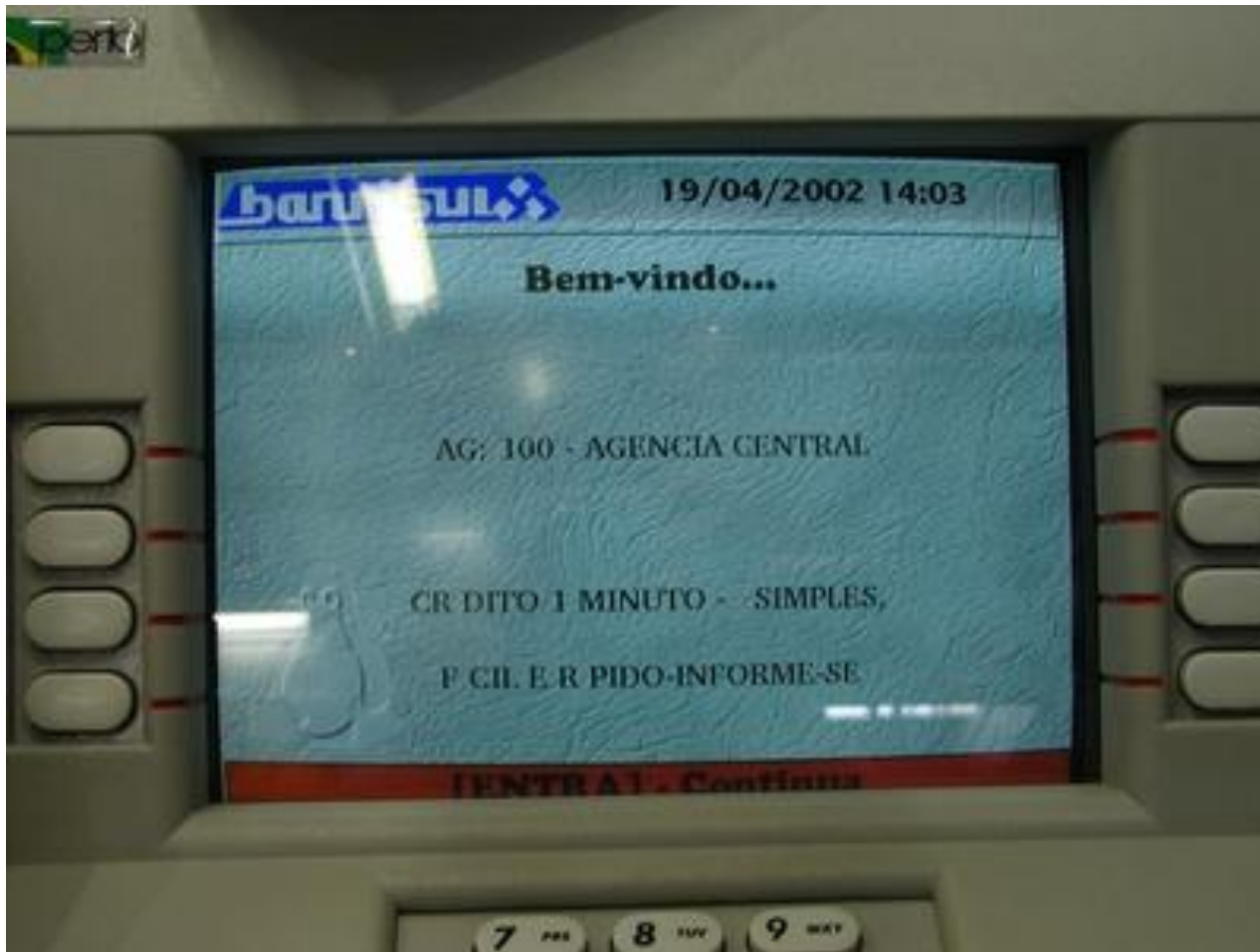
And then it came the fails ...

And applying same technique to a current development project ...

And Lessons Learned:
A Bonkers tip guide to do it

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GIve some slack ...

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● Start before start

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- Start before start
- Go to old to get the new

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- Go to old to get the new
- Understand what you're doing

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Nothing is sacred but the CODE

Beauty and Pain on Buildsystems

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- The buildsystem need to go

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- The buildsystem need to go
- Run from the **Mainstream Effect**

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- The buildsystem need to go
- Run from the **Mainstream Effect**
- Pair results with the past

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Been a Hero ... NOT

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There are dependencies ...

- You're doing ONE software, not all

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- There's a big chance that the depedency exists in a modern way

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- Wrapping IS a choice

Did i mention nothing is sacred but the code ?

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Compiler ?

● Your code is old, and you be tempted to make your complier behave like old.

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- Avoid it !!

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Warnings and Errors

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- Ahh, the temptation.

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- Errors, fine, needed. Care for bits

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- Warnings ?

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- Ahh, the temptation. NO
- Errors, fine, needed. Care for bits
- Warnings ? nonononono
- All things that not work properly should be dealt on later debugging

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And then we end up here ...

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Thanks

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