

To the Ends of the Earth ...

Exploring the limits of portability





Kontakt goes places:



KDAB

goes wherever



goes

(and it goes some places you might not want to tell your mom about)

portability:

the ability to support a maximum range of target systems with minimal special casing

dimensions:

CPU, OS, 32/64bit, form factor, resource spec,
packaging, 3rd party lib versions, use cases

implementation



know thy enemy

architecture

**abstract the abstraction
layer**

(is it worth the footprint?)

generic is good
(until it isn't good enough)

#ifdefs are evil
(but explicit and simple)



we'll have to put that on your lap...

tools!



process

CI

QA

differing platform
velocity

differing priorities

**increased baseline
complexity**

**what if there is no
upstream?**

**what if upstream
doesn't care?**

where to next?

Android?



An Android port of Kontakt will be
constrained by process more than
architecture and lot more than
implementation.



If we want to maintain and extend our level of portability, we'll need to focus on the process issues much more.

Portability might become a liability.

Maybe it already is?

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Thank you!