



My next KDE Application

Nikhil Marathe, foss.in 2009

Whats here?



- Fast, automatic application creation with KXmlGuiWindow
- Saving configuration data with KConfig
- A quick look at KIO
- Twitter is the new Hello World

Prologue



- Install CMake
- Install KDE development packages for your distribution
- Grab the code
 - <http://github.com/nikhilm/foss.in>



KXmlGuiWindow



Free stuff !

KXmlGuiWindow



Free stuff !

KXmlGuiWindow

Action based



Free stuff !

XML (duh)

KXmlGuiWindow

Action based



Free stuff !

XML (duh)

KXmlGuiWindow

Merging
States
...

Action based



KConfig



Location independence

KConfig



Location independence

KConfig

Serialization

Simple .ini configuration



[Compositing]

AnimationSpeed=3

Backend=OpenGL

...

[Plugins]

Plugin1=shutdown

...



make sure you call `sync()`!

KConfig



Put it together with a dash of KIO

Mix in Twitter



- Simple API over HTTP
- No complicated authentication
- KIO → XML → Tweets



```
<?xml version="1.0" encoding="UTF-8"?>
<statuses type="array">
  <status>
    <id>6050679833</id>
    <text>test17</text>
    ...
  <user>
    <id>86668737</id>
    <name>Nikhil Marathe</name>
    ...
  </user>
  ...
</status>
</statuses>
```




¿ Questions ?



Thank You

Nikhil Marathe

nsm.nikhil@gmail.com

<http://kodeclutz.blogspot.com>

<http://22bits.exofire.net>