

Kxdocker @ linux on the beach

# The KDE XIA Projects Docker



@ linux on the beach

Xia Projects Team by Stefano Zingarini

# ***KXDocker***

## ***XIA Projects***



da 6 anni team studenti universitari

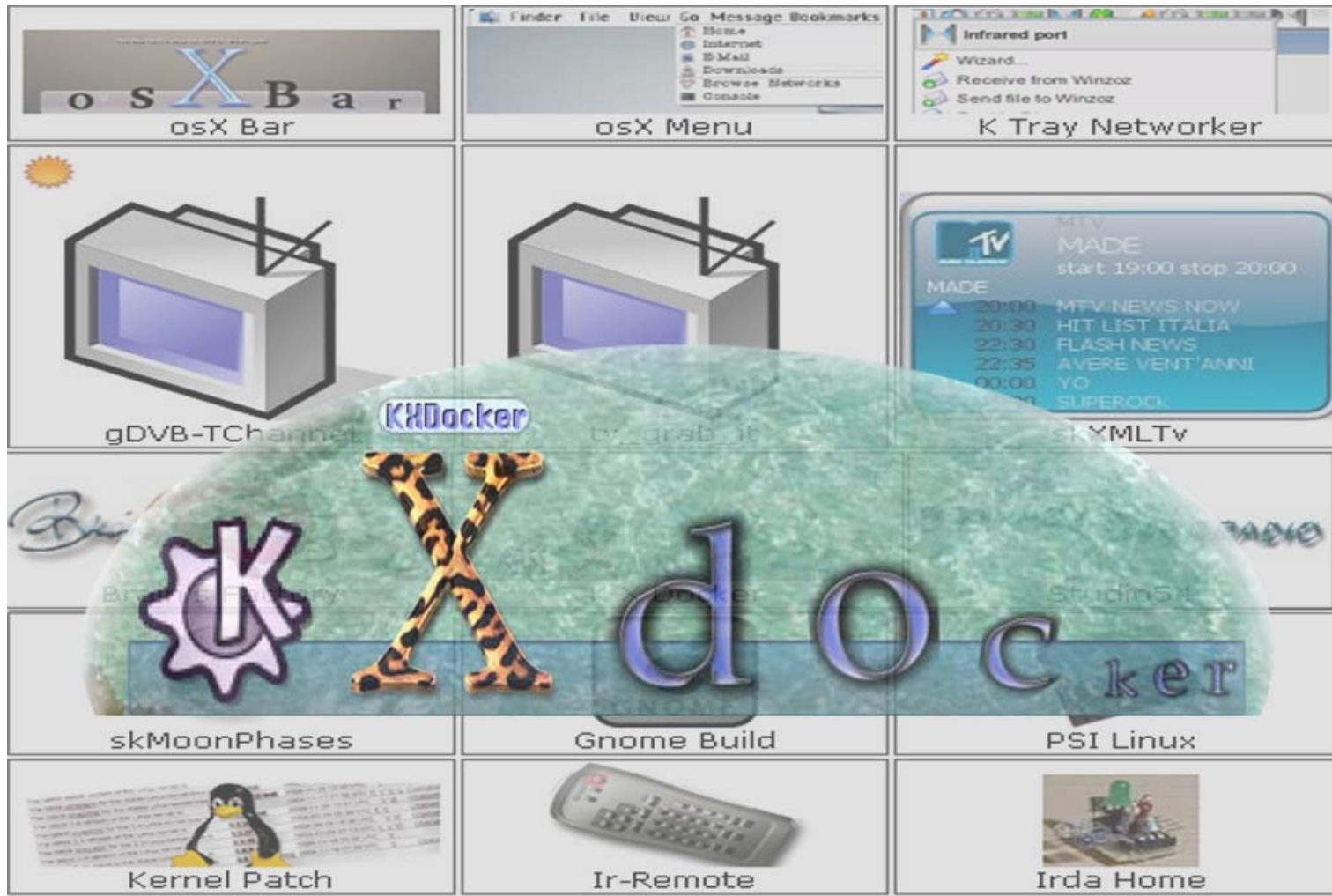
***Stefano Zingarini***

***Lucio Riccardi***

***Daniilo Levantesi***

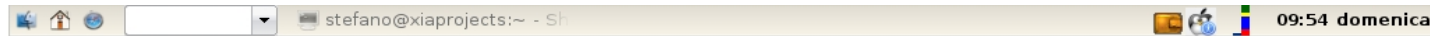
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# Progetti



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# Kxdocker



- *Task Manager*
- *Integrazione Kde*
- *Personalizzazione Estrema*



# Qt & KDE



## KDE API Reference

/ API Reference / kdecore

### kdecore

kdecore

## kdecore Class Index

A | I | J | K | L | M | N | P | R | S | T | U | V | W | Z | N | O | P | Q | S



# KDE API Reference

/ API Reference / kdecore

Home · All Classes · Main Classes · Grouped Classes · Modules · Functions

### API Dox

Instance (KNotifyClient)

3

K3Icon

KIconEffe

KIconLoa

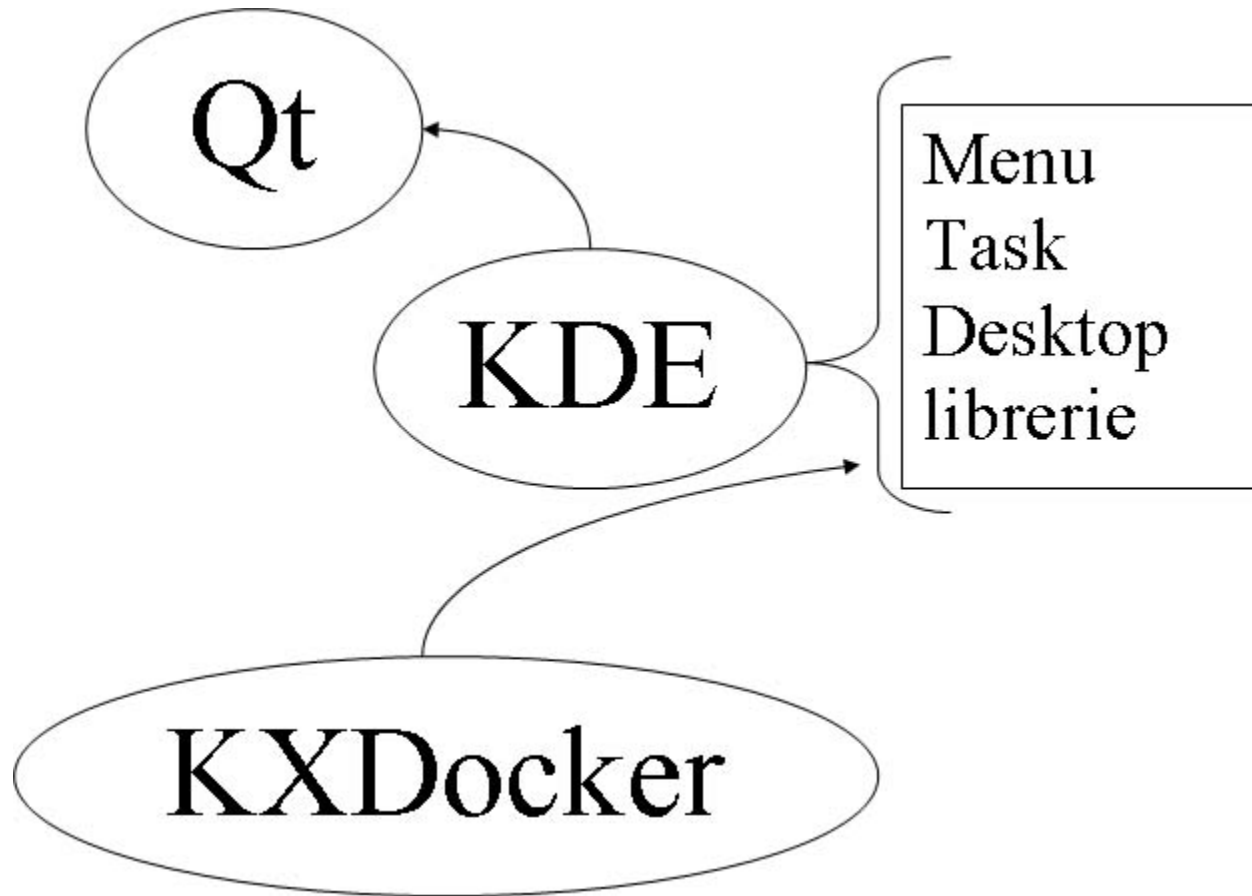
KIconThe

### Qt's Classes

This is a list of all Qt classes excluding the Qt 3 compatibility classes. For a shorter list that only includes the most frequently used classes, see Qt's Main Classes and the Qt 4.1 Class Chart (PDF).

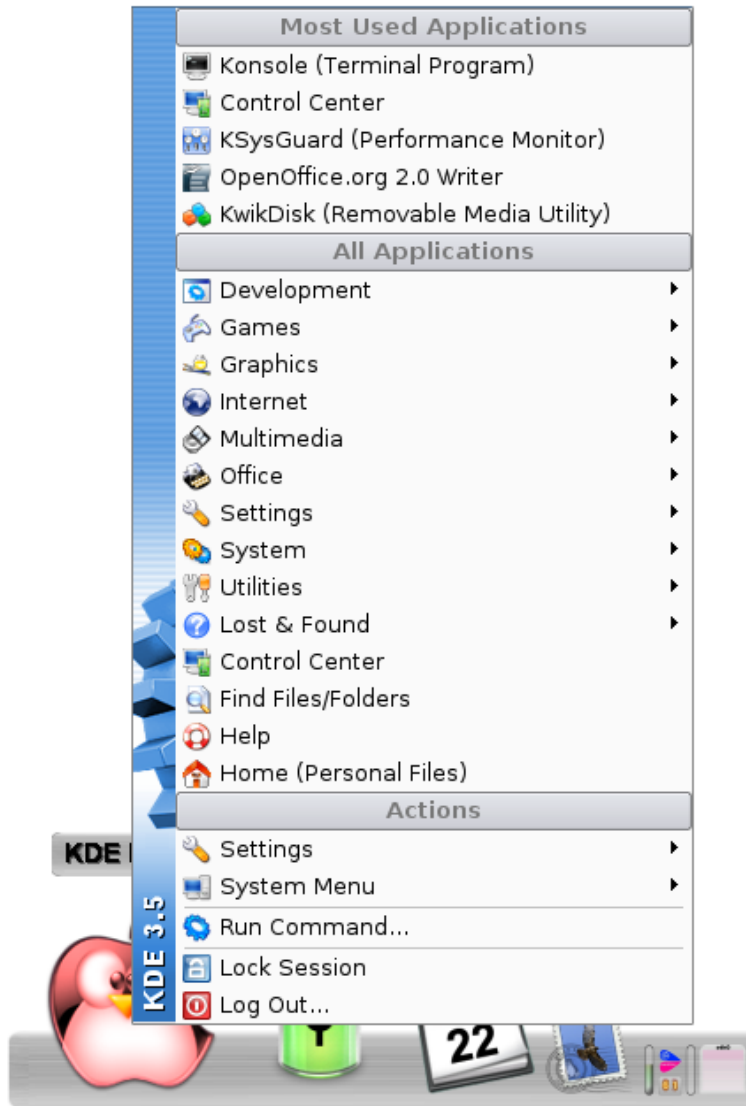
|   |                             |                           |                     |                      |                       |
|---|-----------------------------|---------------------------|---------------------|----------------------|-----------------------|
| A | QAbstractButton             | QDomAttr                  | QItemSelection      | QResource            | QTestEventList        |
|   | QAbstractEvent              | QDomCDATASection          | QItemSelectionModel | QRubberBand          | QTextBlock            |
|   | QAbstractExternal           | QDomCharacterData         | QItemSelectionRange | QScreen              | QTextBlockFormat      |
|   | QAbstractExternal           | QDomComment               | K KbdDriverFactory  | QScreenCursor        | QTextBlockGroup       |
|   | QAbstractFileEngine         | QDomDocument              | QKbdDriverPlugin    | QScreenDriverFactory | QTextBlockUserData    |
|   | QAbstractFileEngine         | QDomDocumentFragment      | QKeyEvent           | QScreenDriverPlugin  | QTextBrowser          |
|   | QAbstractForm               | QDomDocumentType          | QKeyMapper          | QScrollArea          | QTextCharFormat       |
|   | QAbstractGraphics           | QDomElement               | QKSequence          | QScrollBar           | QTextCodec            |
|   | QAbstractItemDelegate       | QDomEntityReference       | L LcdNumber         | Semaphore            | QTextCodecPlugin      |
|   | QAbstractItemModel          | QDomImplementation        | L1Char              | SemaphoreManager     | QTextCursor           |
|   | QAbstractItemView           | QDomImplementation2       | L1String            | Set                  | QTextDecoder          |
|   | QAbstractListModel          | QDomNamedNodeMap          | QLayout             | SetIterator          | QTextDocument         |
|   | QAbstractPrintDialog        | QDomNode                  | QLayoutEngine       | SetIteratorBase      | QTextDocumentFragment |
|   | QAbstractProxyModel         | QDomNodeList              | QLCDNumber          | QSharedData          | QTextEdit             |
|   | QAbstractScrollArea         | QDomNotation              | QLibrary            | QSharedDataPointer   | QTextEncoder          |
|   | QAbstractSlider             | QDomProcessingInstruction | QLibraryInfo        | QShortcut            | QTextFormat           |
|   | QAbstractSocket             | QDomText                  | QLine               | QShortcutEvent       | QTextFragment         |
|   | QAbstractSpinBox            | QDoubleSpinBox            | QLinearGradient     | QShowEvent           | QTextFrame            |
|   | QAbstractTableModel         | QDoubleValidator          | QLineEdit           | QSignalMapper        | QTextFrameFormat      |
|   | QAbstractTextDocumentLayout | QDrag                     | QLineF              | QSignalSpy           | QTextImageFormat      |
|   | QAccessible                 | QDragEnterEvent           | QLinkedList         | QSize                | QTextInlineObject     |

# Qt & KDE - II

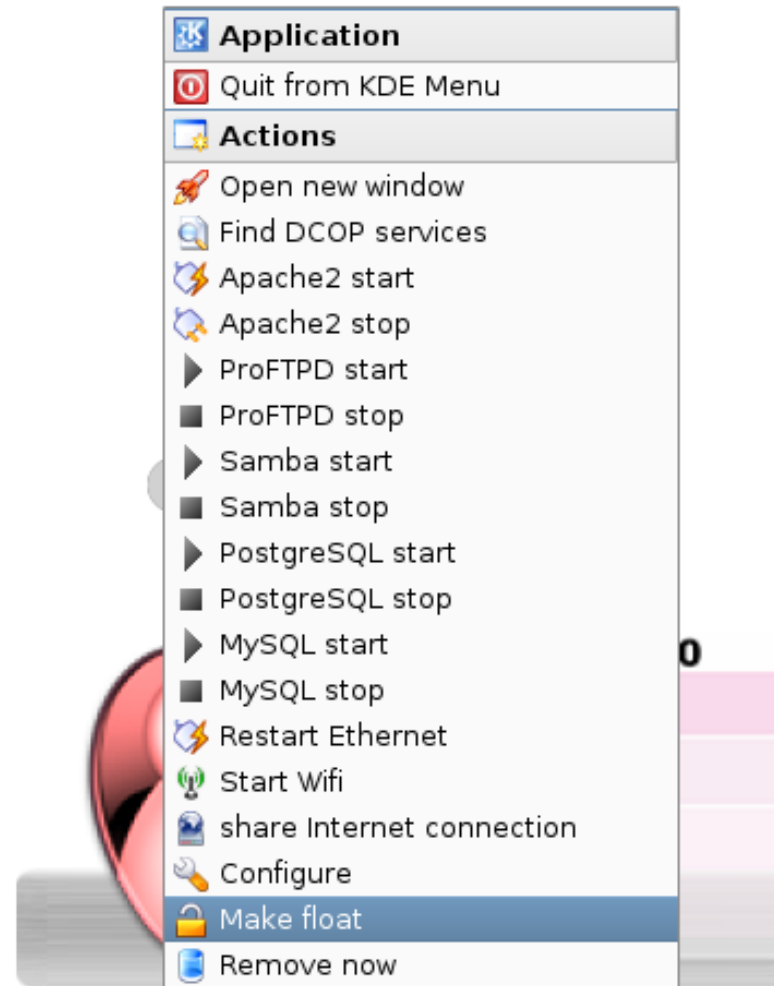


# Integrazione

## Kde Menu

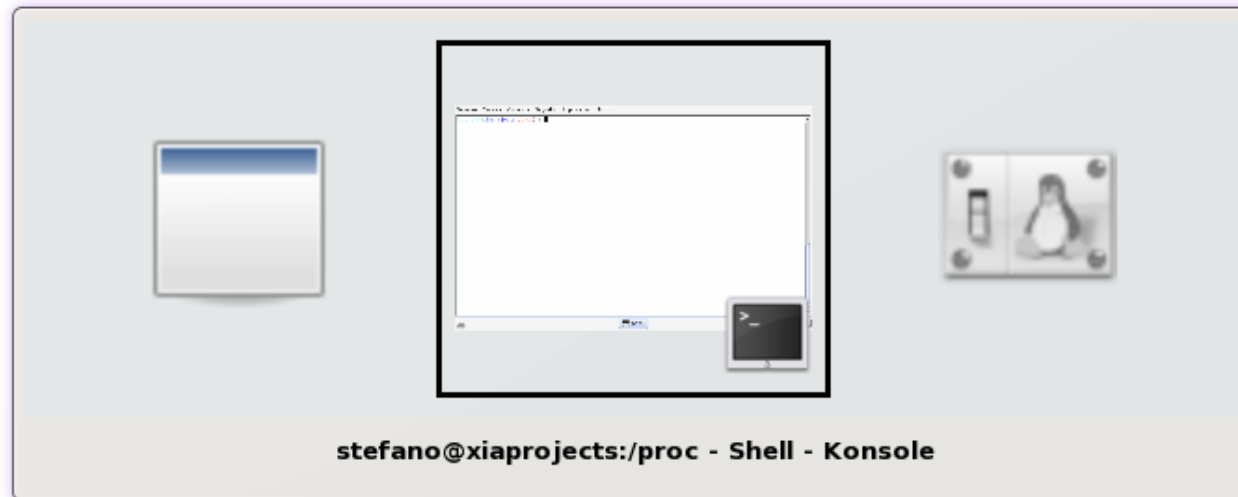
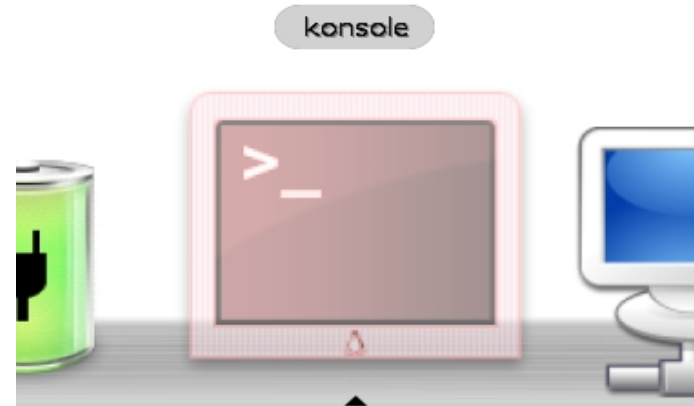


## Menu Distribuzione

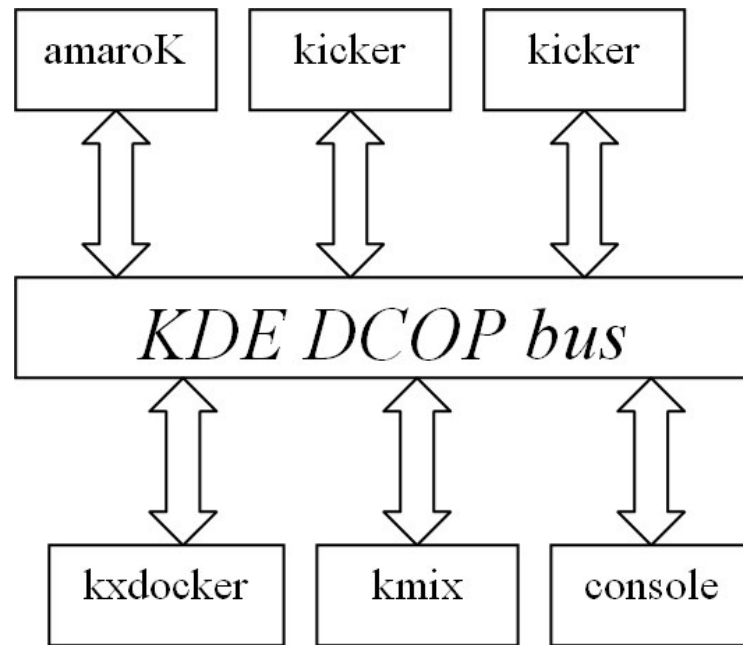




# Integrazione - Tasks



# Integrazione - Dcop



*Esempi di comando  
su un oggetto*

```
dcop kxdocker docker setRunningByName skype 1
dcop kxdocker docker setRunningByName skype 0
dcop kxdocker docker setRunningByName skype 1
dcop kxdocker docker startBounceByName skype
dcop kxdocker docker startBounceByName skype
dcop kxdocker docker startBounceByName skype
dcop kxdocker docker startBounceByName skype
dcop kxdocker docker fadeByName skype 30
dcop kxdocker docker changeImageByName skype skype.bin
```

# Integrazione – Dcop II

*E' possibile personalizzare l'indicatore delle icone con un semplice comando:*

```
dcop kxdocker docker setRunningByName  
skype 1
```



*Applicare effetti grafici*

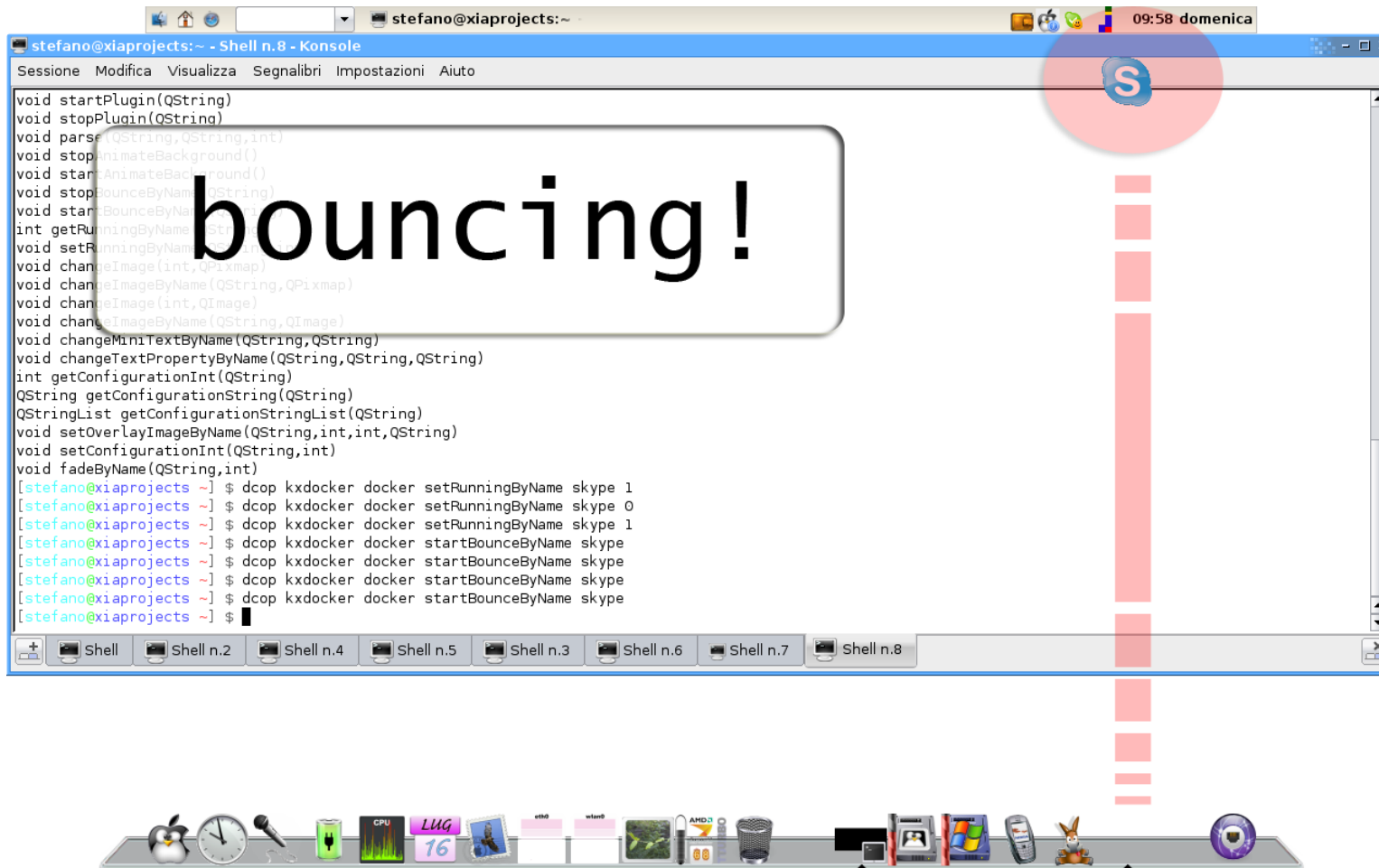


*Alterare l'icona in determinate situazioni*



# Integrazione – Dcop III

Attrarre l'attenzione dell'utente



# Features – Plugins di sistema

Tasks

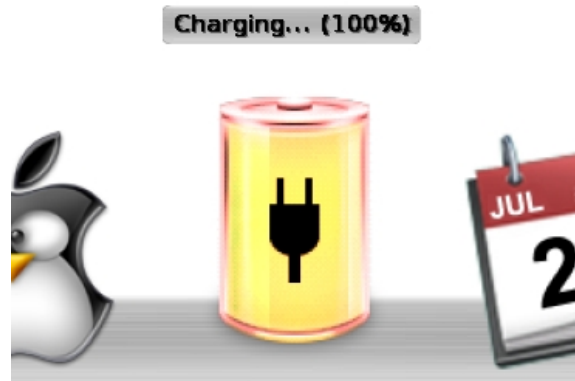


GMount



# *Features – Plugins di sistema II*

## *Gbattery*

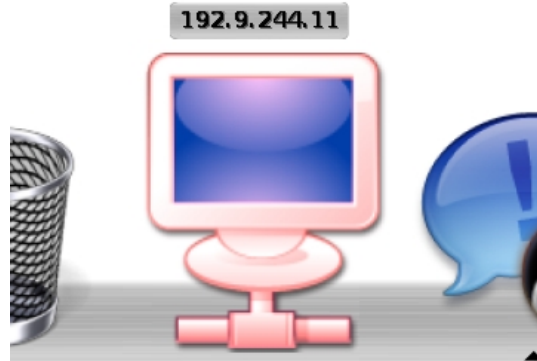


## *Gthrottle*

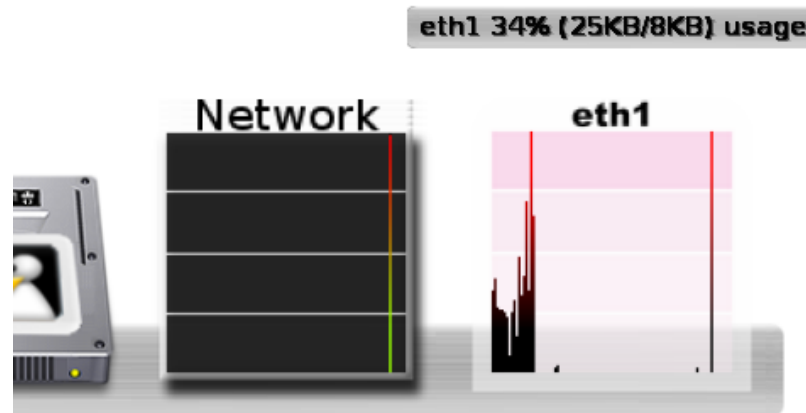


# Features – Plugins di sistema III

*Gipcontrack*

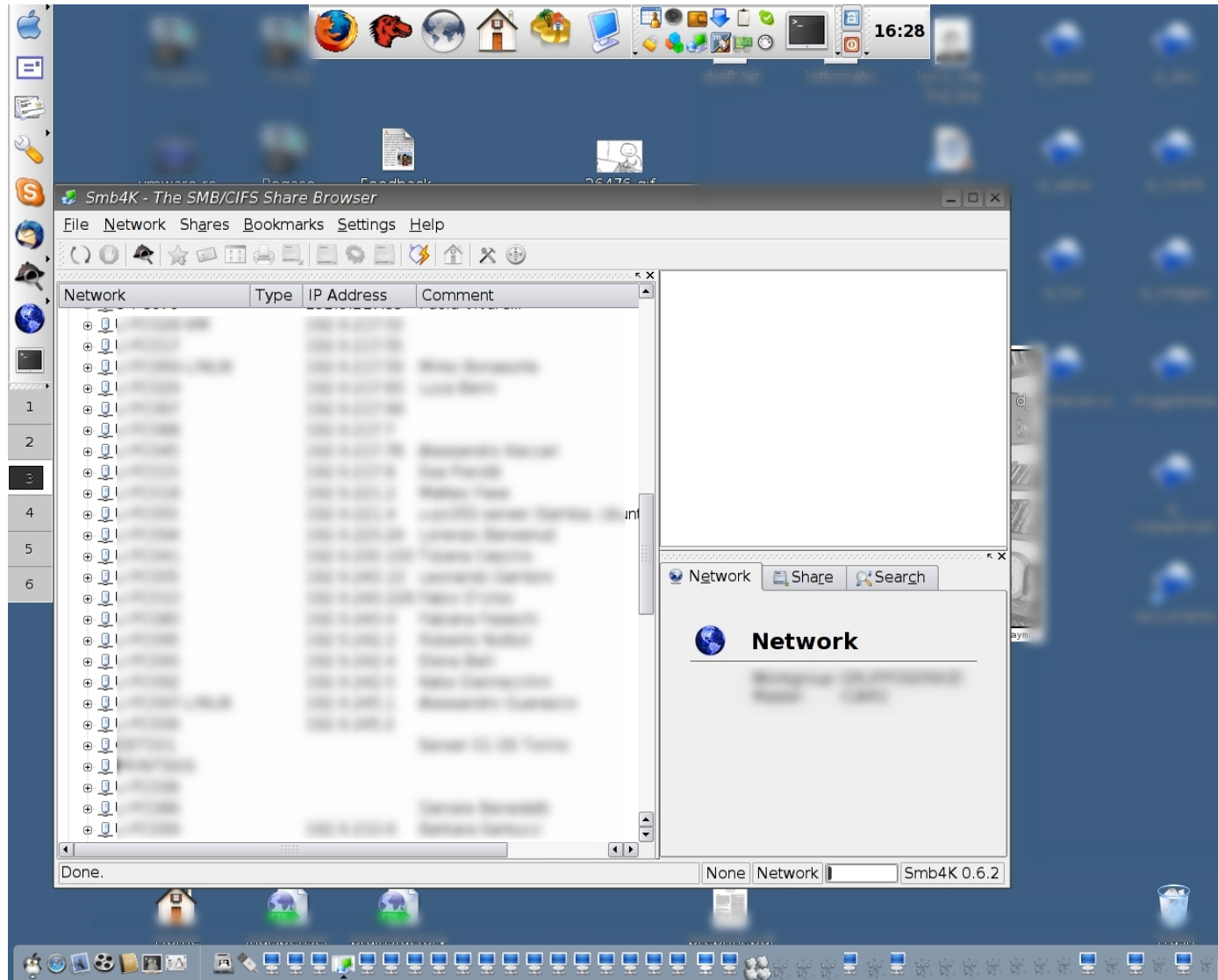


*Gnetio*



# Features – Plugins di sistema III

Gipcontrack estremo :)

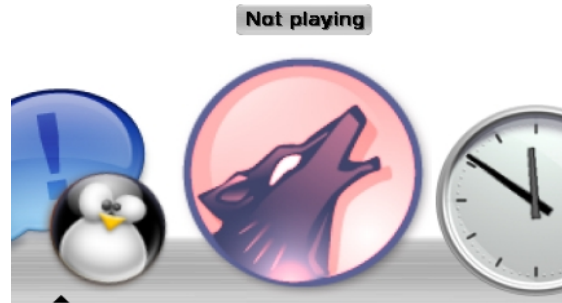


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# *Features – Plugins di utente*

*Gamarok*



*Gcalendar*



# Features – Plugins di utente

*Gaclock*

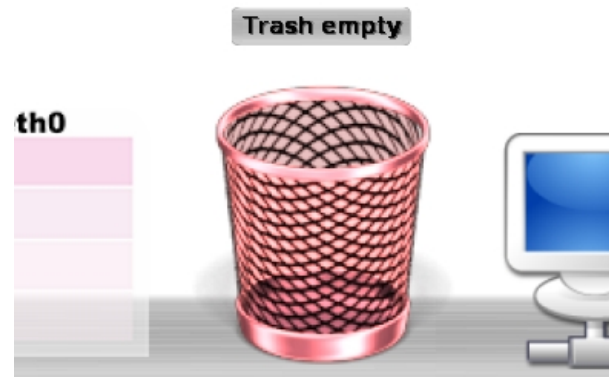


*Gmail*

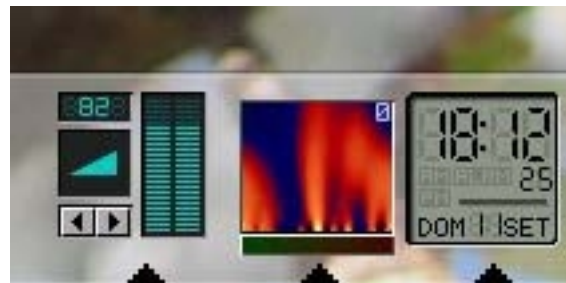


# *Features – Plugins di utente*

*Gtrash*



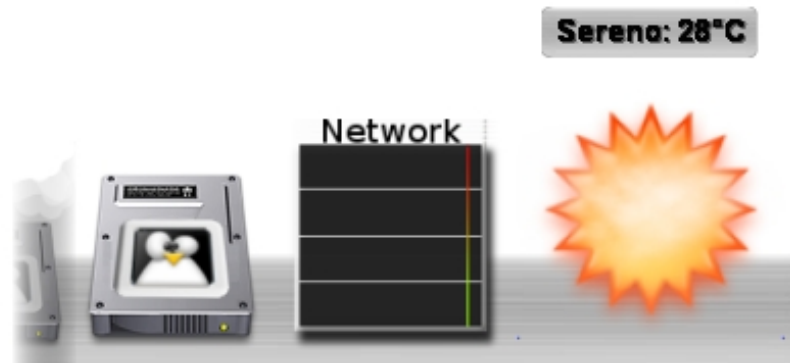
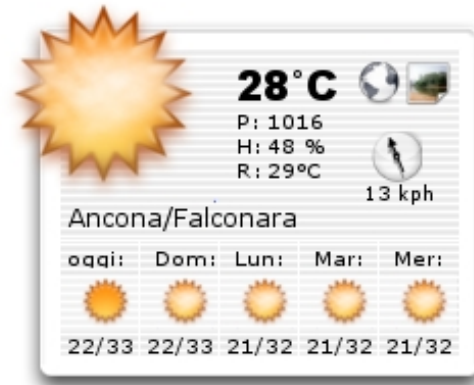
*Supporto App windowmaker*



# Features – Plugins di utente

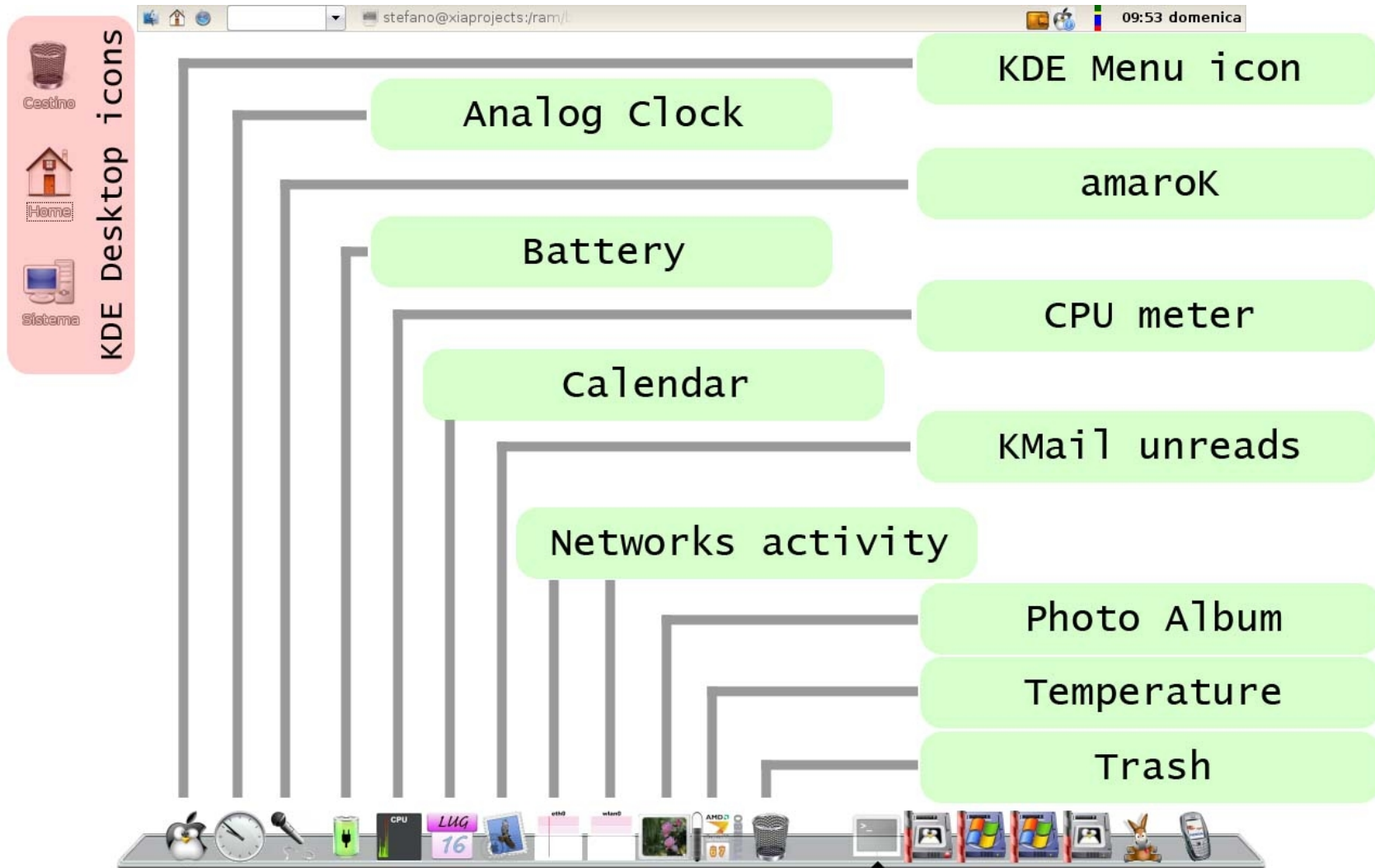
<http://liquidweather.net>

**Matti** supporta KXDock

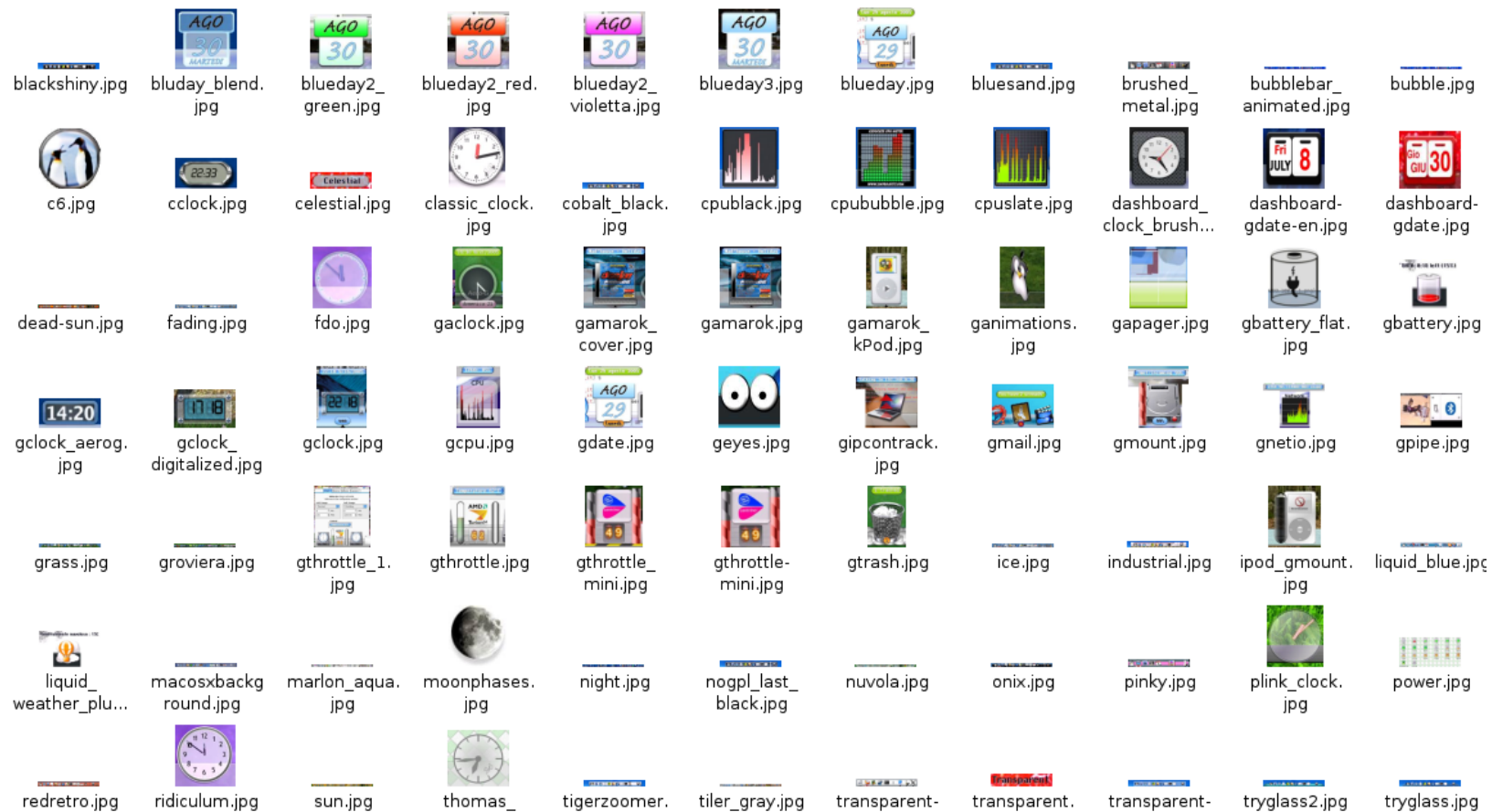


# Features – Plugins

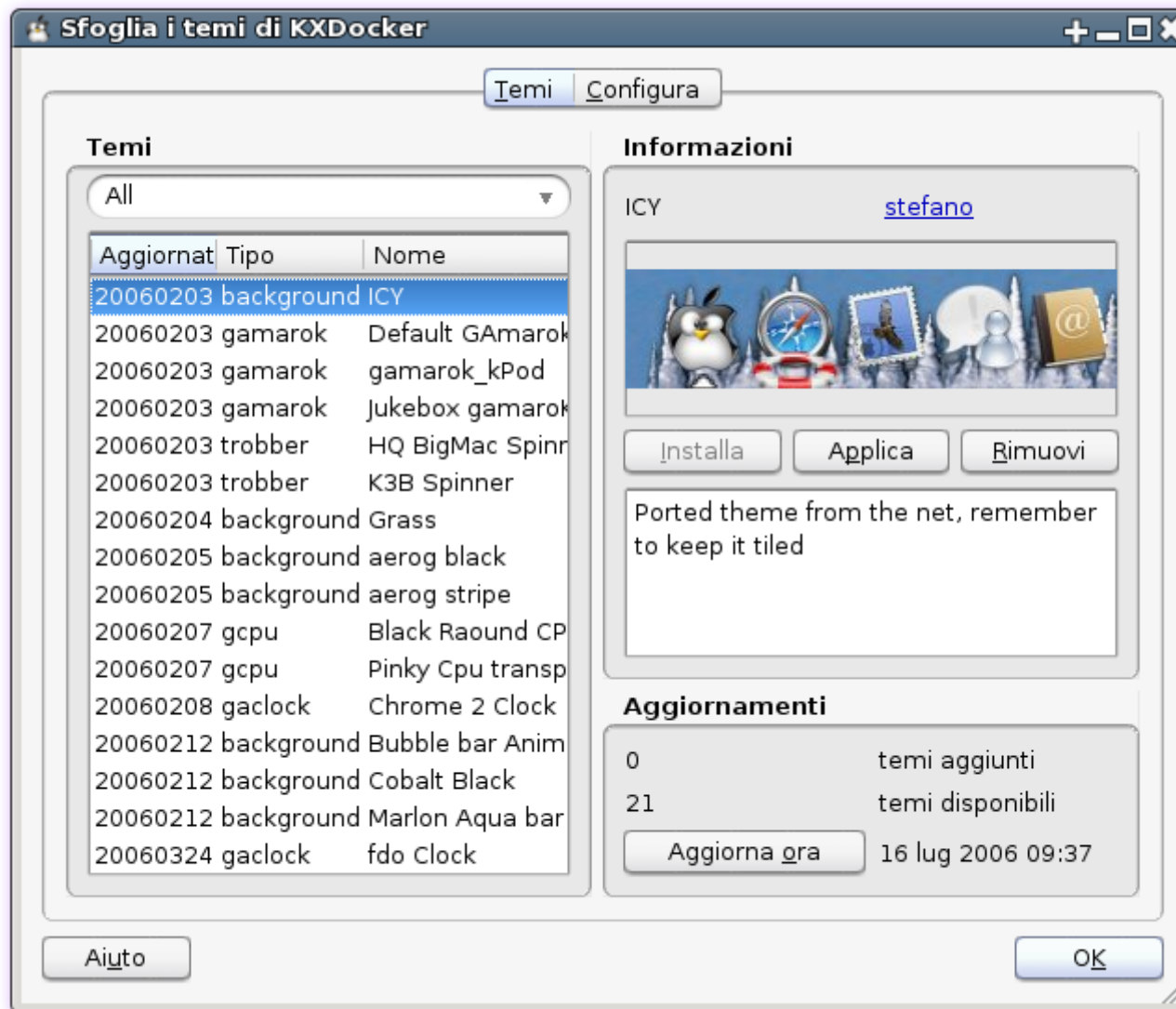
... ve lo avevamo detto che ci sono le plugins? :)



# Features – Themes



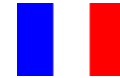
# Features – Themes II



# *Features – Internazionalizzazione*



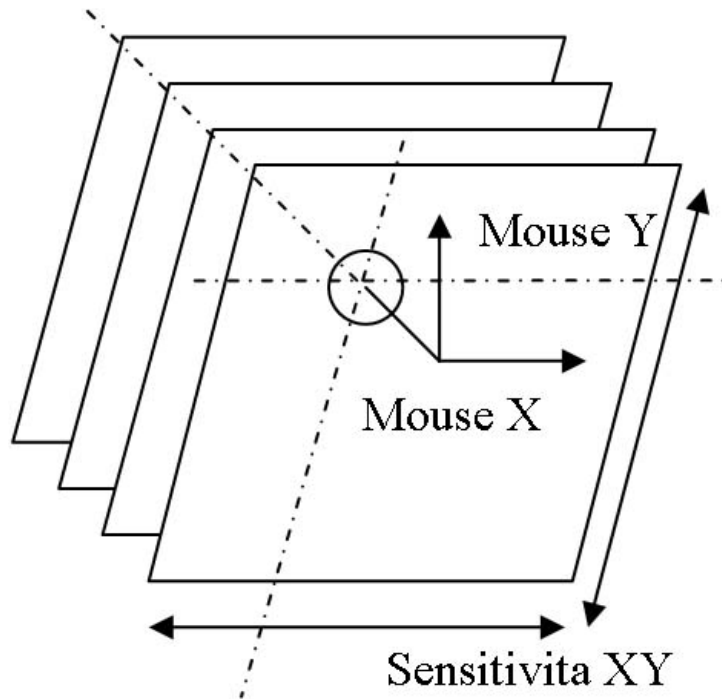
- Traduzioni
- Conversione



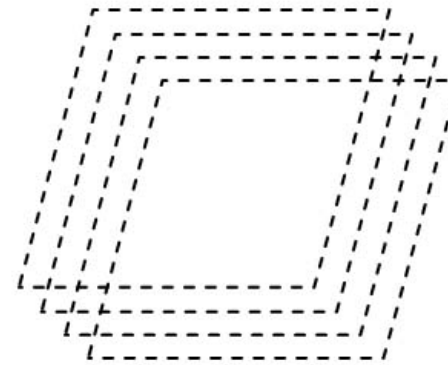


# Internals – Calcolo offline

ICONA

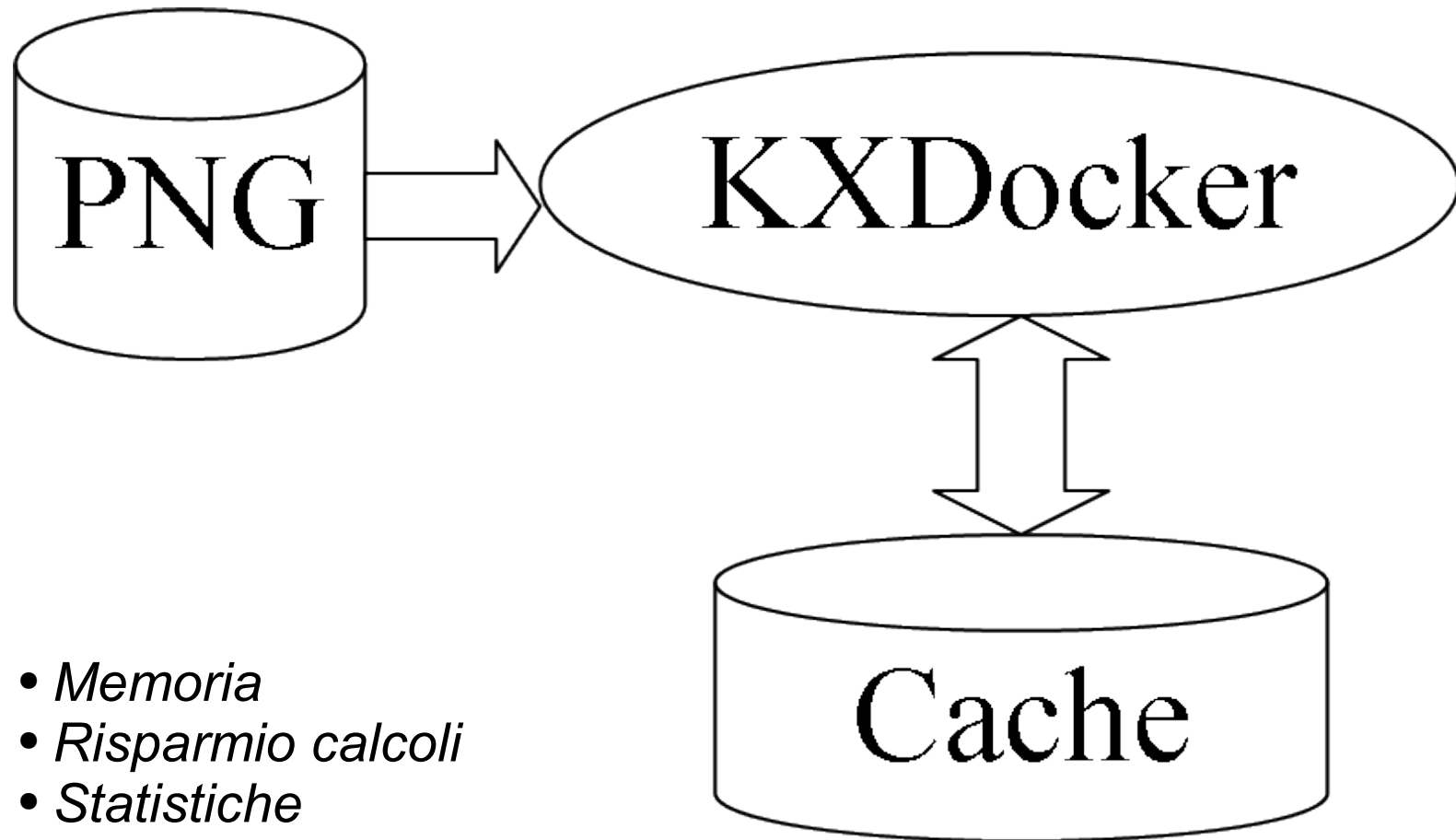


Zoom  
DM  
DX  
DY



**Espansioni**  
Colori o  
Trasparenza  
Effetto Aqua  
Rotazioni

# *Internals – Cache*



- *Memoria*
- *Risparmio calcoli*
- *Statistiche*

# *Internals – Antialiasing*

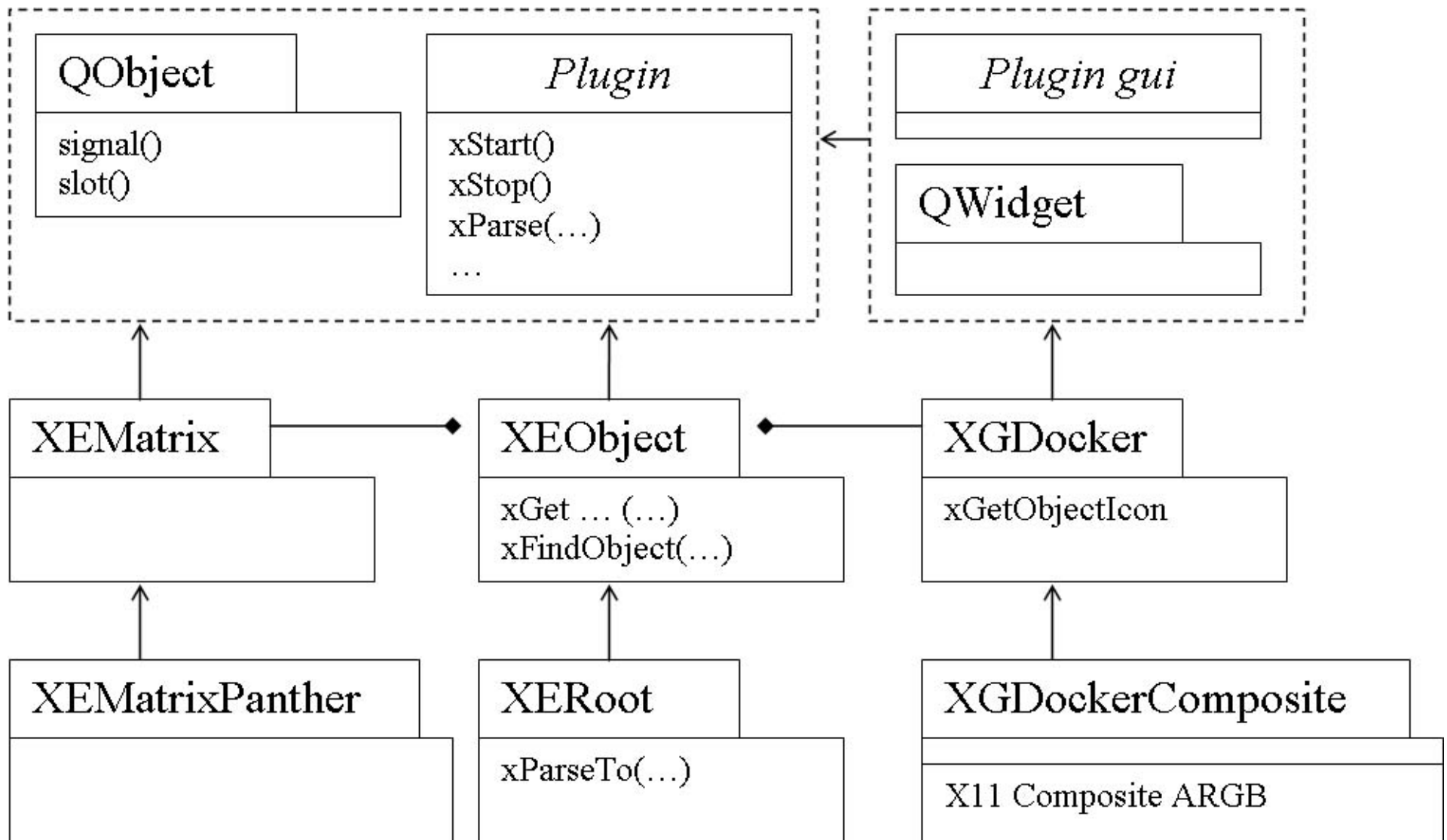
*Prima...*



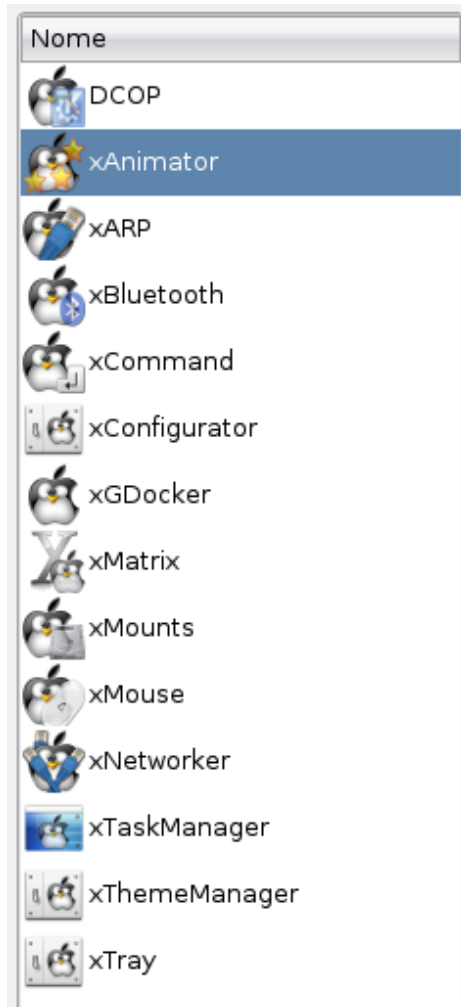
*...Dopo*

**In ricarica (97%)**

# Internals – Modularità

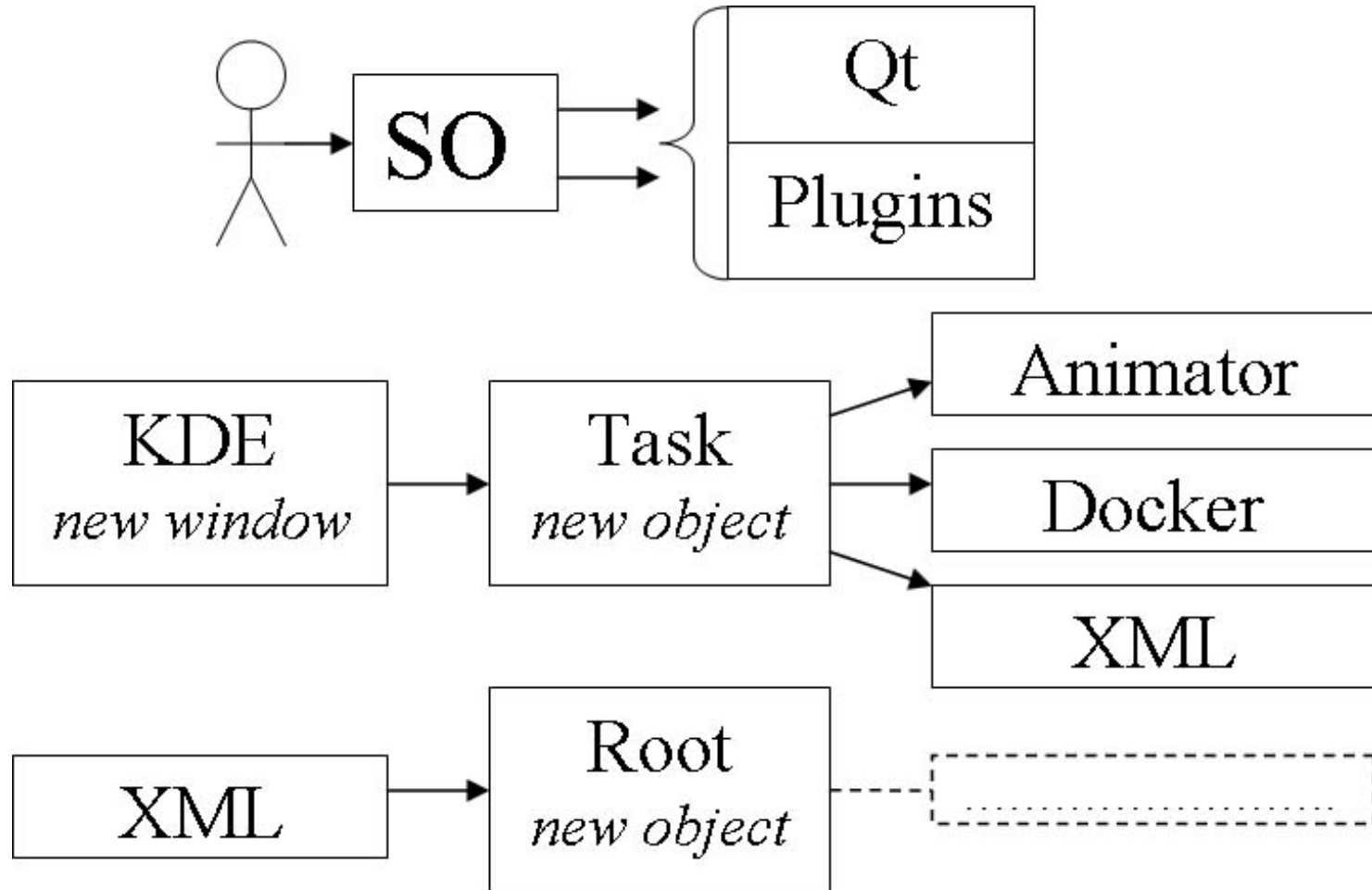


# Internals – Modularità II

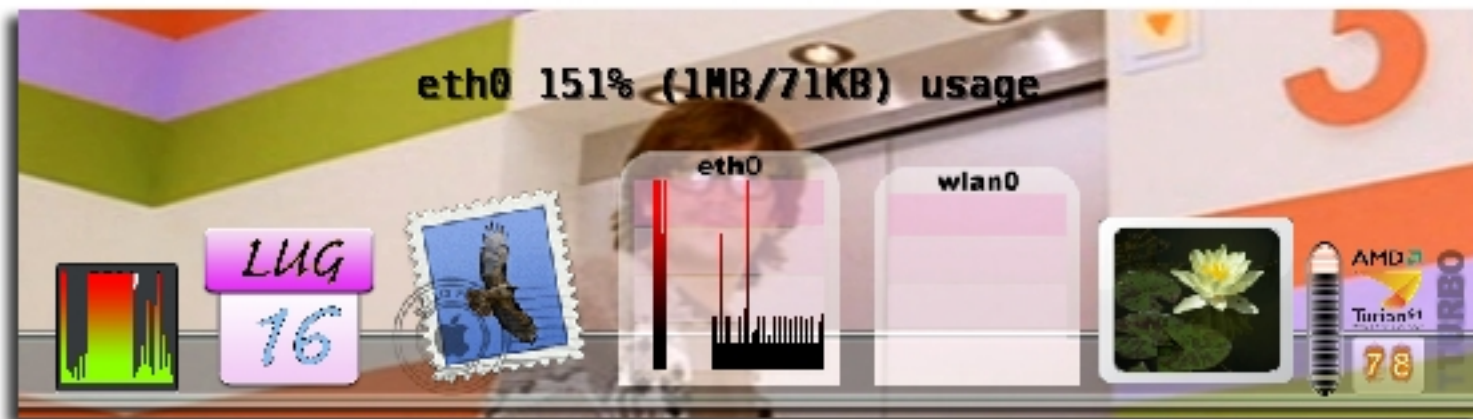


```
kxdocker: WARNING: Plugins loaded:  
kxdocker: WARNING: [0] xMatrix  
kxdocker: WARNING: [1] xGDocker  
kxdocker: WARNING: [2] xCommand  
kxdocker: WARNING: [3] xARP  
kxdocker: WARNING: [4] xTaskManager  
kxdocker: WARNING: [5] xMounts  
kxdocker: WARNING: [6] xAnimator  
kxdocker: WARNING: [7] xMouse  
kxdocker: WARNING: [8] DCOP  
kxdocker: WARNING: [9] xConfigurator  
kxdocker: WARNING: [10] xThemeManager  
kxdocker: WARNING: [11] xBluetooth  
kxdocker: WARNING: [12] xNetworker  
kxdocker: WARNING: [13] xTray  
kxdocker: WARNING: [14] GAClock  
kxdocker: WARNING: [15] Gamarok  
kxdocker: WARNING: [16] GAPager  
kxdocker: WARNING: [17] GBattery  
kxdocker: WARNING: [18] GCpu  
kxdocker: WARNING: [19] GDate  
kxdocker: WARNING: [20] GMail  
kxdocker: WARNING: [21] GMount  
kxdocker: WARNING: [22] GNetIO  
kxdocker: WARNING: [23] GPipe  
kxdocker: WARNING: [24] GThrottle  
kxdocker: WARNING: [25] GTrash  
kxdocker: WARNING: [26] GIPContrack  
kxdocker: WARNING: [27] xPillow
```

# Internals – Eventi



# *Internals – Trasparenza*



- *Finta trasparenza*
- *Composite Extensions*

# *Feedback*

## ***Negativi:***

- Configuratore
- Problemi alla compilazione
- Scarsa distribuzione dei pacchetti

## ***Positivi:***

- Quando non arrivano feedback negativi e' un buon segno.



# *Supporto*

## ***Pubblicazioni:***

*www.xiaprojects.com*  
*kxdocker.xiaprojects.com*

## ***Email:***

*info@xiaprojects.com*

## ***Risorse:***

*Temi*  
*Faq & How to*

# Tecnologie future - Xgl/Compiz



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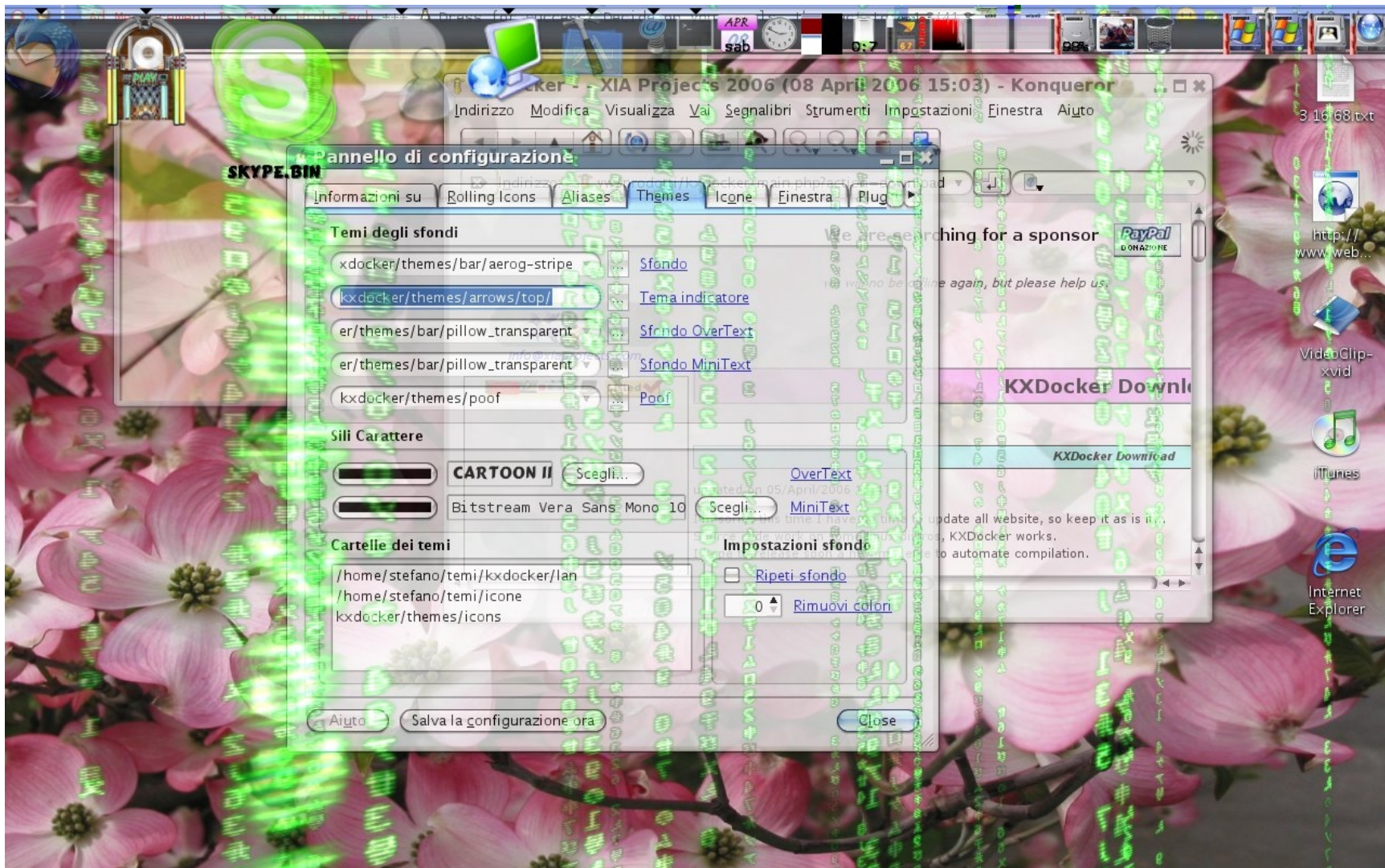
# Tecnologie future – Xgl/Compiz II



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# Tecnologie future – Xgl/Compiz III



# *Tecnologie future*

Qt 4

KDE 4

dbus

***One more thing ...***

*Tecnologie future*

**XQDE**

# *Ringraziamenti*

*Grazie per averci invitati*

*a tutto lo staff di*

# *Linux on the beach*