



Building beautiful applications  
in Sailfish OS

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DESIGN  
CONTAINERS  
COMPONENTS  
TEXT INPUT

*jolla*



DESIGN

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# Principles

Simple

Beautiful

Truly natural

Intuitive

Magical



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# World-class experience

Fast: only load UI on demand, profile constantly

Smooth: apply transitions to all visual changes

Pixel perfect: use platform fonts, colors, margins

Transparent: prefer gestures over explicit controls

# Colors

Primary



White, 100%

Secondary



White, 40-60%

Highlighted



From wallpaper

# Layouts

## Padding

Small



Medium



Large



## Item sizes

Small one-line items

Medium two-line items  
Lorem ipsum dolor sit amet

Large list items  
Lorem ipsum dolor sit amet

Extra large  
Lorem ipsum

## Font sizes

Extra small

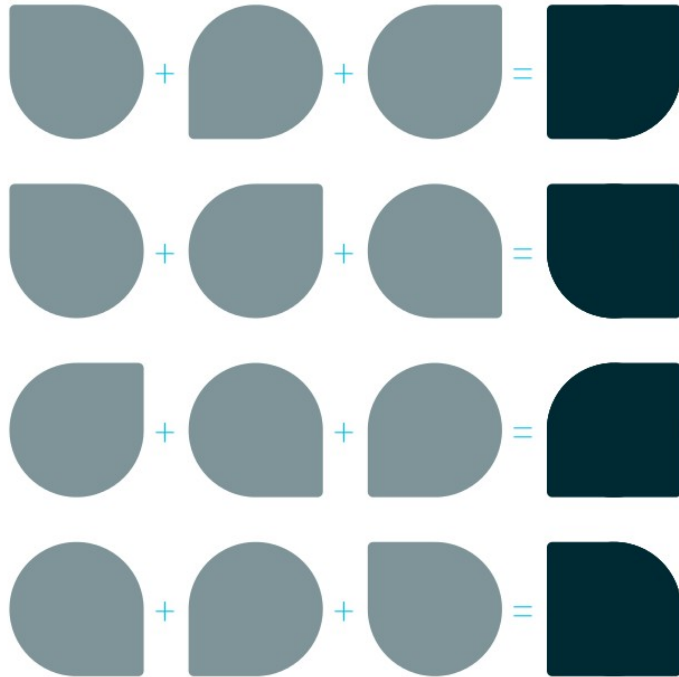
Small

Medium

Large

Extra large

# Application icons







# CONTAINERS

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← Stefano Mosconi	26 Apr
↶ Islam Amer	26 Apr
伍天成	26 Apr
← Martin Jones	26 Apr
Iekku Pylkkä	25 Apr
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← 王珏	25 Apr
← Bernd Wachter	24 Apr
Robin Burchell	24 Apr

# Basic application

```
import QtQuick 2.0
import Sailfish.Silica 1.0
import "pages"
Import "cover"
```

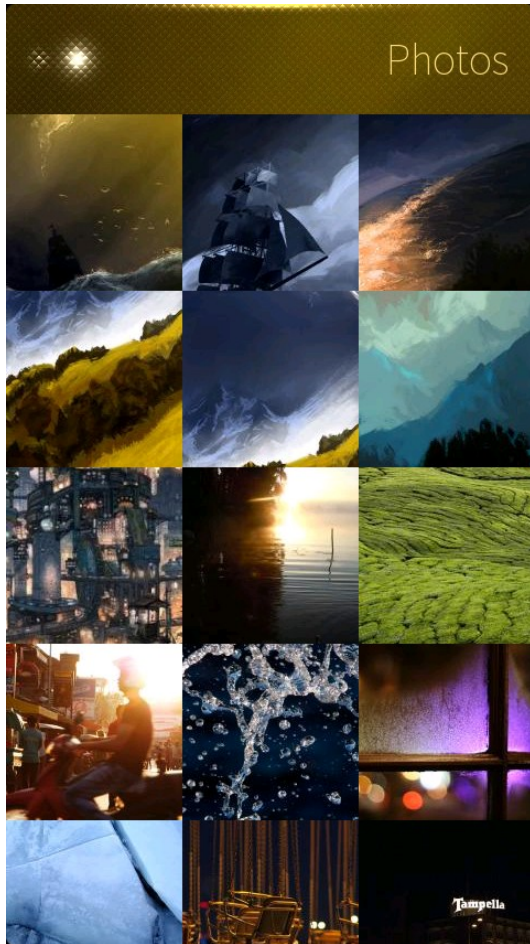
```
ApplicationWindow {
    cover: CoverPage {}
    initialPage: MainPage {}
}
```

# Cover



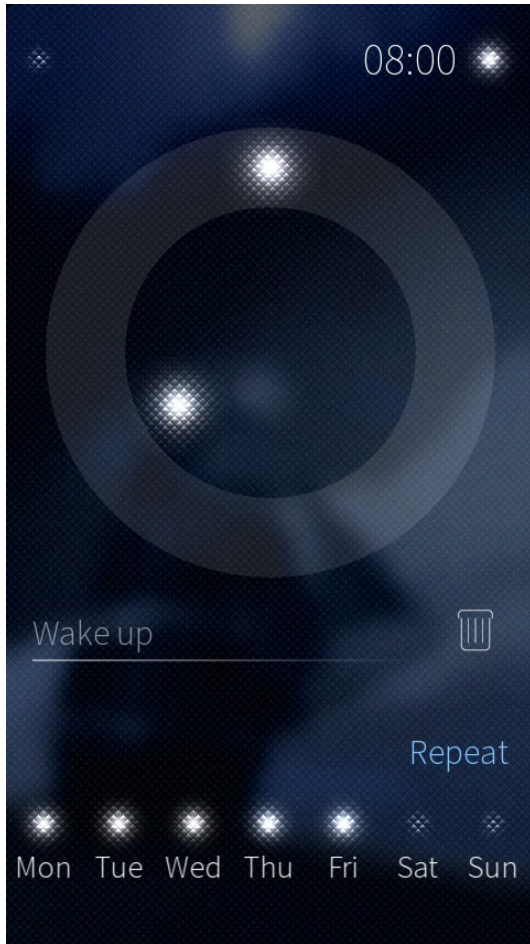
```
CoverBackground {
    SilicaListView {
        model: callLogModel
        delegate: Row {
            Image { source: getIcon(...) }
            Label { text: caller.name ... }
        } ...
    }
}

CoverActionList {
    CoverAction {
        iconSource: "icon-dialer.png"
        onTriggered: dialer.open()
    }
    CoverAction {
        iconSource: "icon-people.png"
        onTriggered: openContactPicker()
    }
}
}
```



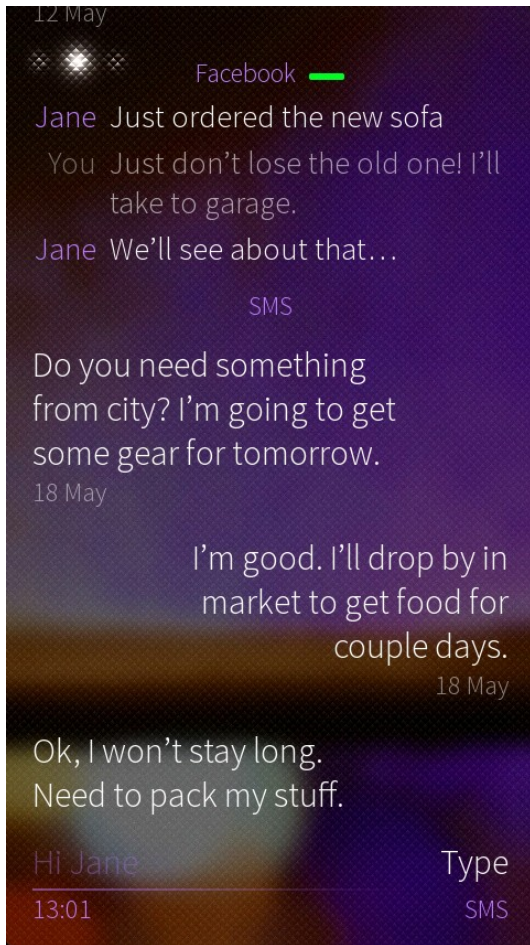
# Page

```
Page {  
    SilicaGridView {  
        PullDownMenu { ... }  
        header: PageHeader {  
            text: "Photos"  
        }  
        model: photosModel  
        delegate: Image {  
            source: model.photo  
        }  
    }  
}
```



# Dialog

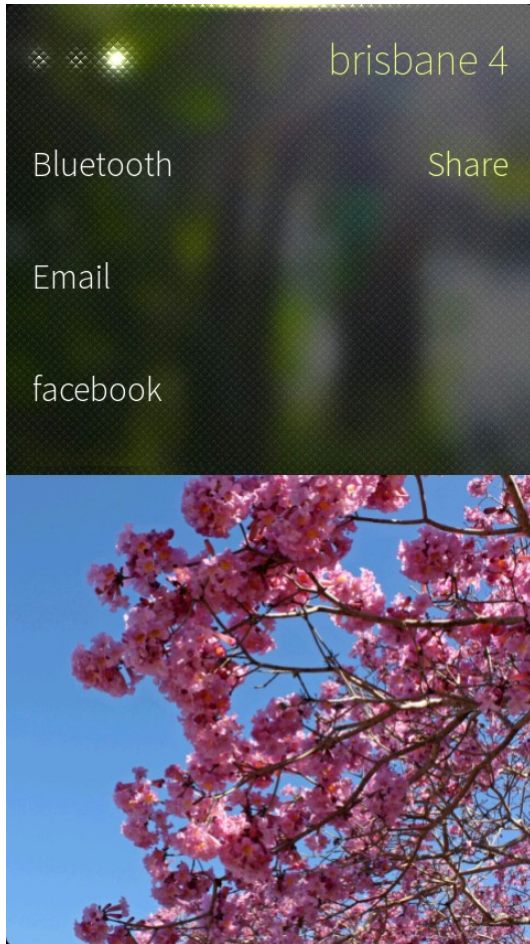
```
Dialog {  
    canAccept: textField.text.length > 0  
    onAccepted: createAlarm()  
    Column {  
        ...  
        DialogHeader {  
            acceptText: formatTime()  
        }  
        TimePicker { ... }  
        Row {  
            TextField { id: textField; ... }  
            IconButton { ... }  
        }  
        WeekDaySelector { ... }  
    }  
}
```



# Attached page

```
Page {
    onStatusChanged: {
        if (status === PageStatus.Active) {
            pageStack.pushAttached(
                Qt.resolvedUrl("ContactPage.qml"),
                { 'contact': conversation.person })
        }
    }
    SilicaListView {
        model: conversation
        delegate: Message { ...
        section.delegate: SectionHeader { ...
        footer: Row { TextArea { ... } ...
    }
}
```

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# Split view

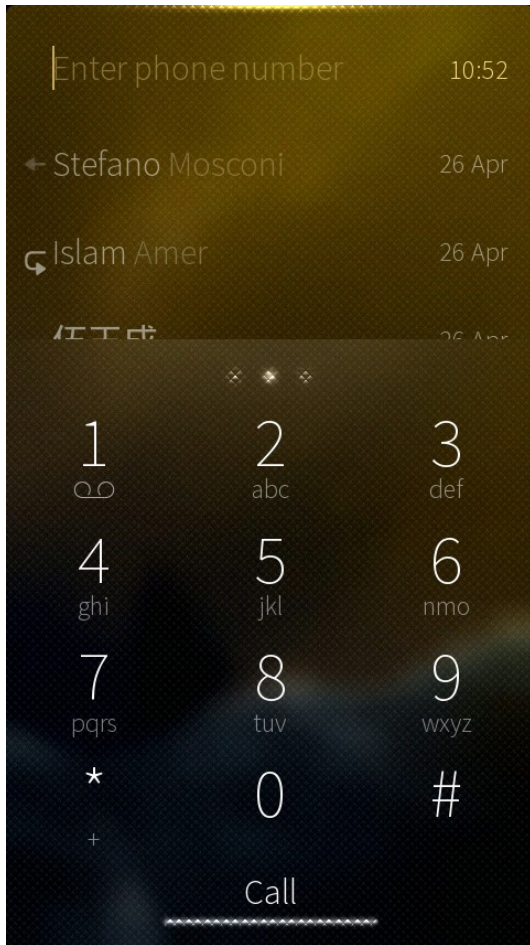
```
SplitViewPage {  
    background: ShareMethodList {  
        header: PageHeader {  
            title: photosModel.currentTitle  
        }  
        PullDownMenu { ... }  
    }  
    foreground: SlideshowView {  
        model: photosModel  
        delegate: PinchablePhoto { ... }  
    }  
}
```



# Slideshow view

```
SilicaFlickable {  
    PullDownMenu { ... }  
    Column {  
        SlideshowView {  
            model: monthModel  
            delegate: DateGrid { ... }  
            ...  
        }  
        SilicaListView {  
            model: agendaModel  
            delegate: EventItem { ... }  
            ...  
        }  
    }  
}
```





# Docked panel

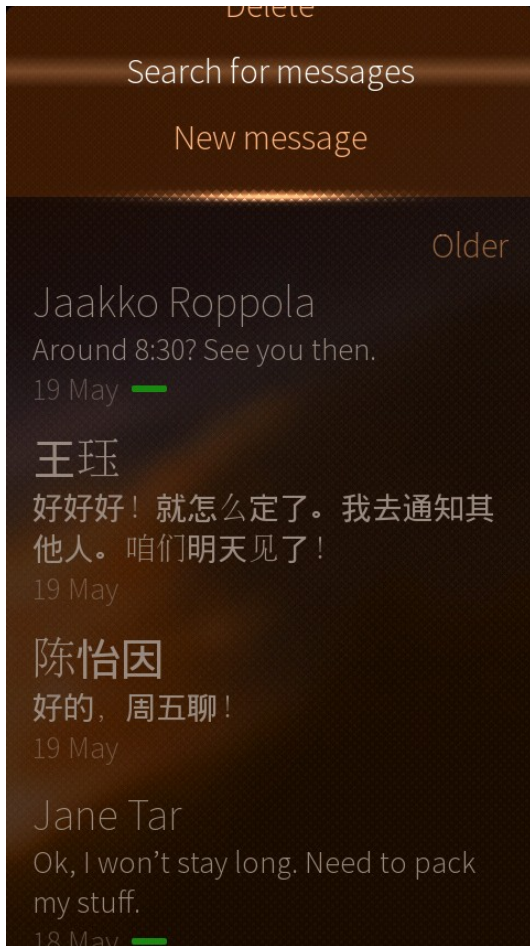
```
ApplicationWindow {
    bottomMargin: panel.visibleSize
    ...
    DockedPanel {
        id: panel
        dock: Dock.Bottom
        Column {
            Row { DialerButton { key: "1"; ..
            Row { DialerButton { key: "4"; ..
            Row { DialerButton { key: "7"; ..
            Row { DialerButton { key: "*"; ..
            Button {
                text: "Call"
                onClicked: call()
            }
        }
    }
}
```



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# COMPONENTS

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# Pulley menu

```
SilicaListView {  
    PullDownMenu {  
        MenuItem {  
            text: "Delete"  
            onClicked: pageStack.push(...  
        }  
        MenuItem {  
            text: "Search for messages"  
            onClicked: searchEnabled = true  
        }  
        MenuItem {  
            text: "New message"  
            onClicked: newMessage()  
        }  
    }  
    ...  
}
```

Maciej Blomberg

Marc Dillon

Marko Mattila

Marko Saukko

Martin Jones

Martin Schüle

Matt Vogt

Matti Kosola

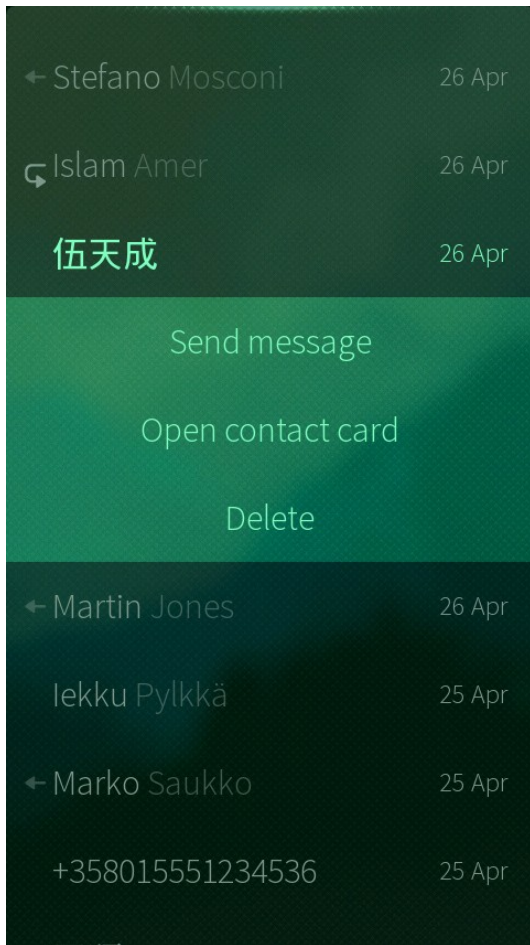
Michael Brassler

Mikko Harju

Mohammed Sameer

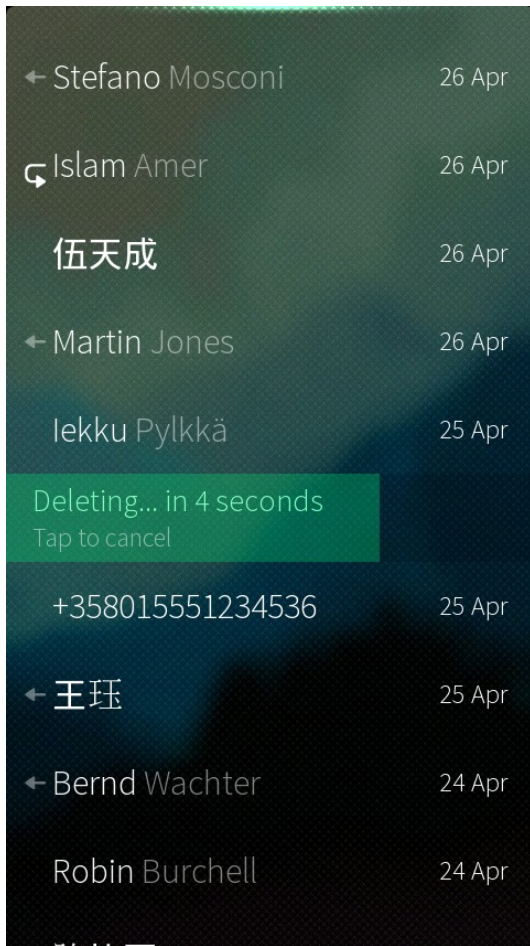
# List item

```
ListItem {
    onClicked: openContactCard(model.contact)
    height: theme.itemSizeSmall
    Row {
        ...
        Label {
            text: contact.firstName
            color: highlighted
                ? theme.highlightColor
                : theme.primaryColor
        }
        Label {
            text: contact.lastName
            ...
        }
    }
}
```



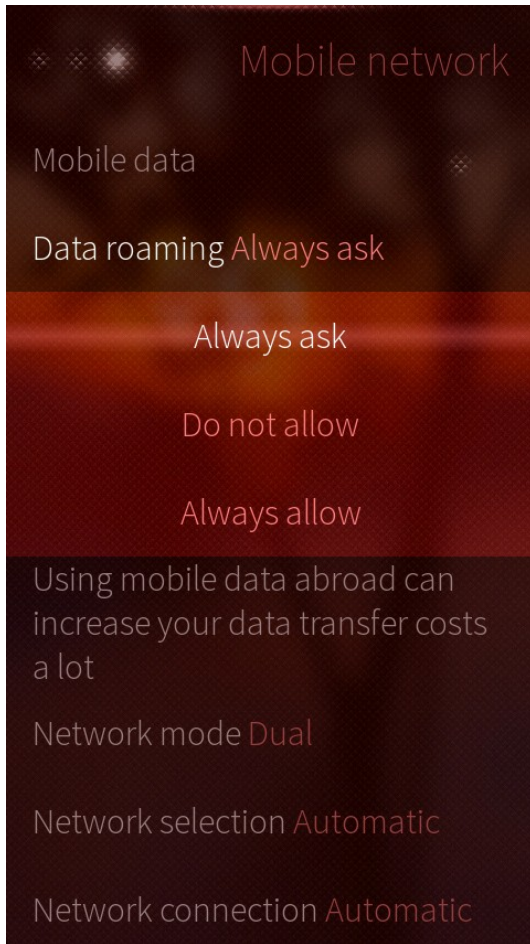
# Context menu

```
Listitem {  
    menu: ContextMenu {  
        MenuItem {  
            text: "Send message"  
            onClicked: sendMessage()  
        }  
        MenuItem {  
            text: "Open contact card"  
            onClicked: openContactCard()  
        }  
        MenuItem {  
            text: "Delete"  
            onClicked: delete()  
        }  
    }  
    ...  
}
```



# Deleting items

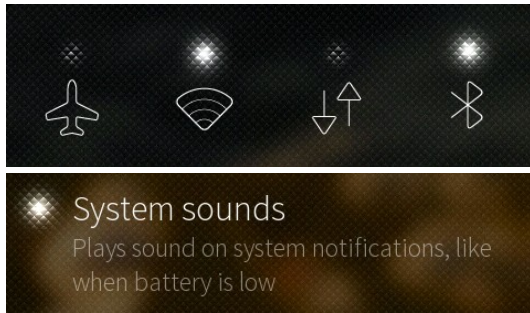
```
Listitem {  
    id: listItem  
    function delete() { ... }  
    ListView.onRemove: animateRemoval()  
    menu: ContextMenu {  
        MenuItem {  
            text: "Delete"  
            onClicked: {  
                listItem.removeAction(  
                    "Deleting",  
                    listItem.delete)  
            }  
        }  
    }  
    ...  
}
```



# Combo box

```
ComboBox {  
    currentIndex: 1  
    label: "Data roaming"  
    width: page.width  
    menu: ContextMenu {  
        MenuItem { text: "Always ask" }  
        MenuItem { text: "Do not allow" }  
        MenuItem { text: "Always allow" }  
    }  
}
```

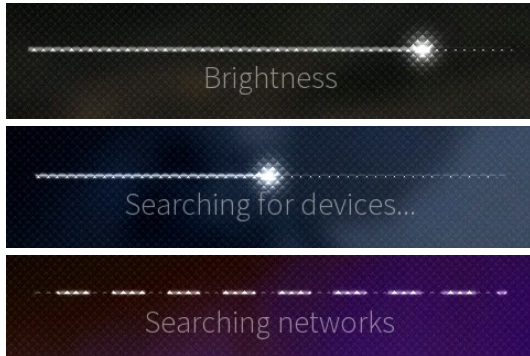
# Switches



```
Switch {
    checked: true
    icon.source: "image://theme/icon-m-bluet.."
}
TextSwitch {
    checked: true
    text: "System sounds"
    description: "Plays sound on system ..."
}
```



# Sliders

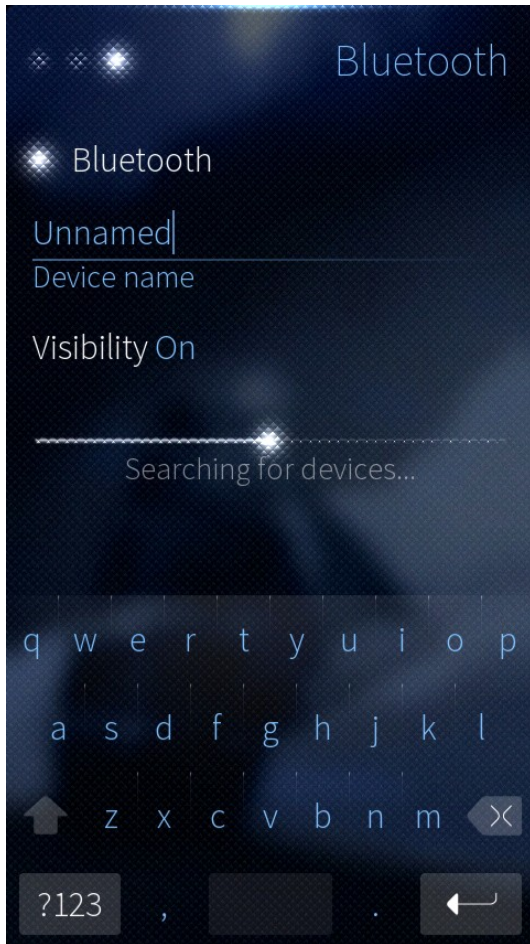


```
Slider {  
    value: 0.8  
    label: "Brightness"  
}  
ProgressBar {  
    label: "Searching for devices..."  
    value: bluetooth.scanning  
}  
ProgressBar {  
    label: "Searching networks"  
    indeterminate: true  
}
```

A black and white aerial photograph of a city, likely Jolla, California. The city is densely packed with buildings and trees, extending to a coastline on the left. The sky is filled with large, dramatic clouds, and a faint rainbow is visible in the upper right quadrant. The text 'TEXT INPUT' is overlaid in the center of the image.

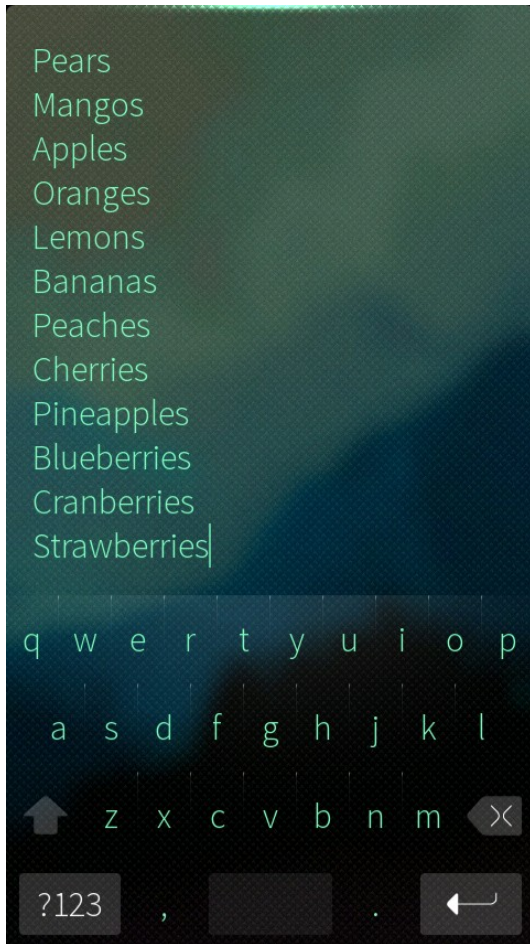
# TEXT INPUT

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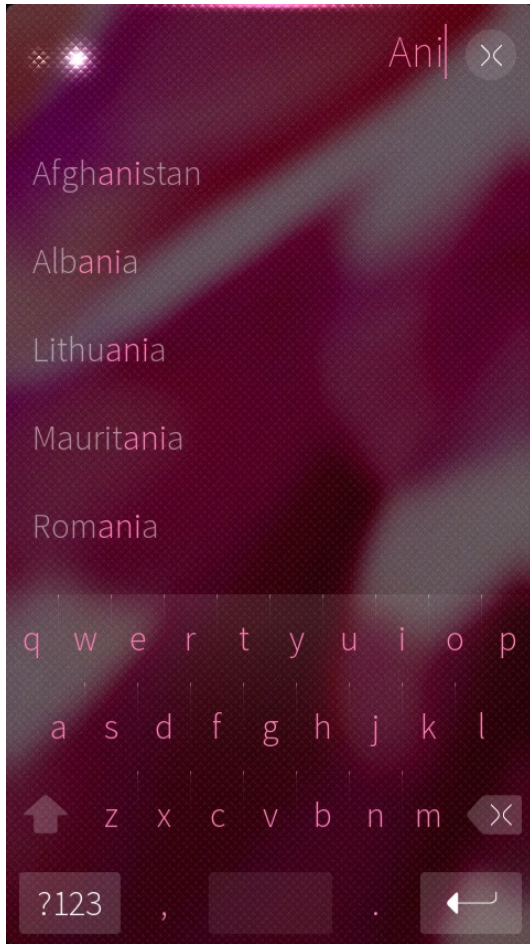
# Text field

```
Column {  
    TextSwitch {  
        text: "Bluetooth" ...  
    }  
    TextField {  
        text: "Unnamed"  
        label: "Device name"  
        placeholderText: "Device name"  
        focus: true  
    }  
    Combobox {  
        label: "Visibility"; ...  
    }  
    ProgressBar {  
        label: "Searching for devices"; ...  
    }  
}
```



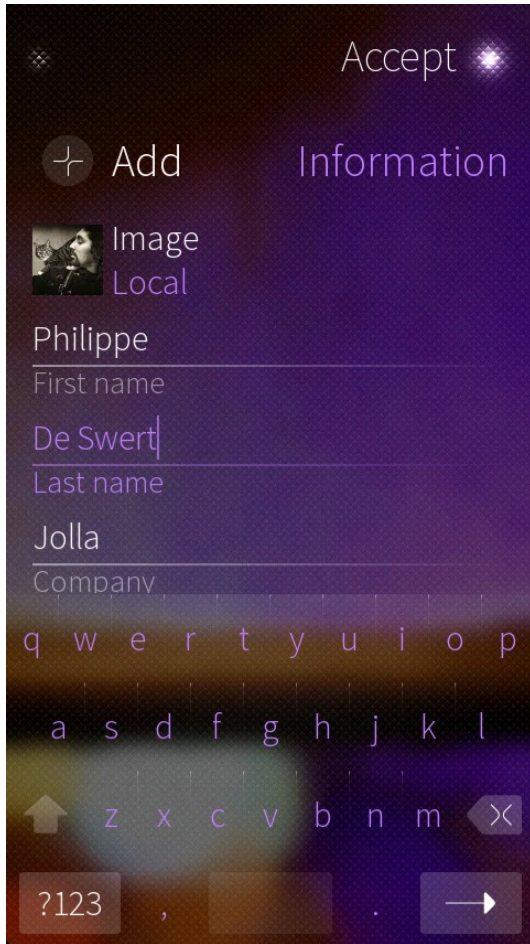
# Text area

```
Page {  
    SilicaFlickable {  
        anchors.fill: parent  
        PullDownMenu { ... }  
        TextArea {  
            focus: true  
            placeholderText: "Write a note..."  
            text: "Pears\nMangos\nApples\n..."  
            ...  
        }  
    }  
    ...  
}
```



# Search field

```
SilicaListView {
    PulleyMenu { ... }
    header: SearchField {
        text: "Ani"
        focus: true
    }
    model: Cities { filter: searchString }
    delegate: ListItem {
        Label {
            text: theme.highlightText(
                model.city, searchString,
                theme.highlightColor)
            ...
        }
        ...
    }
}
```



# Enter key

```
Dialog {
    canAccept: contact.valid
    onAccepted: saveContact()
    Column {
        DialogHeader { ... }
        ...
        TextField {
            text: "De Swert"
            label: "Last name"
            EnterKey.enabled: text.length > 0
            EnterKey.iconSource:
                "image://theme/icon-m-enter-next"
            EnterKey.onClicked: {
                companyField.focus = true
            }
        }
        ...
    }
}
```

*jolla*

THANK YOU

*jolla*

<http://sailfishos.org>

*jolla*