

14/10/2016

# MITK Icon Concept

Carolin Feldmann und Alfred Franz

# MITK Icon Concept: Example

Tracking  
Toolbox



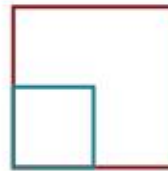
Navigation  
Data Player



Code-  
Example



Haupt-Icon



Haupt-Icon +  
1 „Add-on-Icon“



Haupt-Icon +  
2 „Add-on-Icons“



Haupt-Icon +  
3 „Add-on-Icons“  
Should be avoided

# MITK Icon Concept: Basics

Haupt-Icon	Haupt-Icon + 1 „Add-on-Icon“	Haupt-Icon + 2 „Add-on-Icons“	Haupt-Icon + 3 „Add-on-Icons“ Should be avoided

# MITK Icon Concept: Components

Registration



Calibration



Example / Tutorial

//e.g.

Receiving (data)



Receiving more Types of data



Player



Screenshot



Toolbox



Settings



Sending (data)



Link / Verbindungsprotokoll



Tracking



„Many of something“



## ROBOTO

↓ DOWNLOAD TTF

🌐 📱 📄 | Christian Robertson | Sans Serif | 18 Styles

Specimens Test Drive Glyphs License Webfont Kit

Roboto Bold Condensed ▾

abcdefghijklmnopqrstuvwxyz  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
0123456789 (!@#\$%&.,?::;)

# Penultimate

Roboto Bold Condensed AaBbCcDdEeFfGgHhIiJjK

Roboto Bold Condensed | 1045 Glyphs

**Download:** <https://www.fontsquirrel.com/fonts/roboto>

# MITK Icon Concept: IGT Examples

## PlugIn Ultrasound

Ultraschall View



Ultraschall Calibration



## PlugIn OpenIGTLink



## PlugIn IGT Examples

Ganz einfaches Code-Beispiel



„TrackingLab“



OpenIGTLink Beispiel 1



OpenIGTLink Beispiel 2



Erweitertes OpenIGTLink Beispiel



## ToF

ToF Util



ToF Einstellungen



ToF Screenshot Maker



ToF Tutorial



## PlugIn IGT Tracking

Tracking Toolbox



Navigation Data Player



Navigation Tool Manager



Navigation Tool Calibration



IGT REGISTRATION POINTER



# MITK Icon Concept: IGT Demonstration

Research - MITK Workbench 2016.3.99-ac21540f (ITK 4.9.0 VTK 7.0.0 Qt 5.6.0 MITK 2016.3.99-ac21540f) (Not for use in diagnosis or treatment of patients)

File Edit Window Help

Open File Save Project Close Project Undo Redo DICOM Image Navigator View Navigator

Display

IGT Hummel Protocol Measurement IGT Tracking Toolbox

Tracking Options Logging

### Tracking Device Configuration

Open IGT Link Connection

Open IGT Link Connection

Hostname: 127.0.0.1

Port: 18944

Update Rate: 60

### Tracking Tools

ToolStorage: TrackingToolboxAutoSave.IGTToolStorage

ReferenceToTracker

ProbeToTracker

ProbeToReference

Add Single Tool

Load Tool Storage

Reset

### Tracking Control

Status: disconnected

Connect

Start Tracking

Freeze Tracking

Data Manager

- leber\_venoes
- TrackingVolume

Position: <0.41, -92.18, -161.12> mm; Index: <253, 358, 46>; Time: 0.00 ms; Pixelvalue: 428.00 340.51 MB (1.04 %)

Some „rules“ for usage of the new icon concept:

- Enjoy designing your new icons
- „Rules are meant to be broken“
  - please modify where needed!
- Use one color (e.g. black for light theme and grey for dark theme)
- Ask other persons if your new icon makes sense