



Workshop Insight Mobile

Konfiguration mobiler Anwendung

17.05.2017 Marc Bogenstahl

Agenda

1. Überblick Insight Config
2. Tools
 - a. Insight Config Editor
 - b. Hilfe
 - c. Visual Studio Code
3. Aktualisieren Mobiler Client
4. Aufgaben

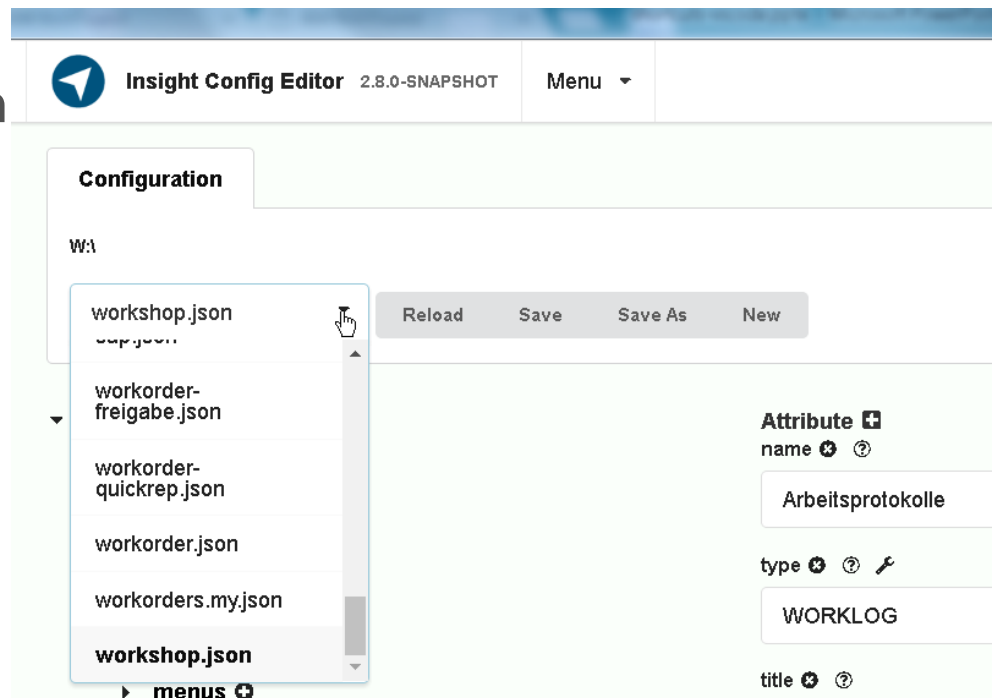
Überblick – Insight Config

- Kein Coding notwendig
- Autolayout
- Konfiguration über json-Files
- Auslieferung/Aktualisierung ohne Downtime
- Integration aller Attribute und Objekte
- Clientlogik über js-Hooks verfeinerbar
- Anbindung von Verarbeitungsroutinen
- Datenaustausch über Maximo Standardmechanismen
- Toolunterstützung
- Online/Offline

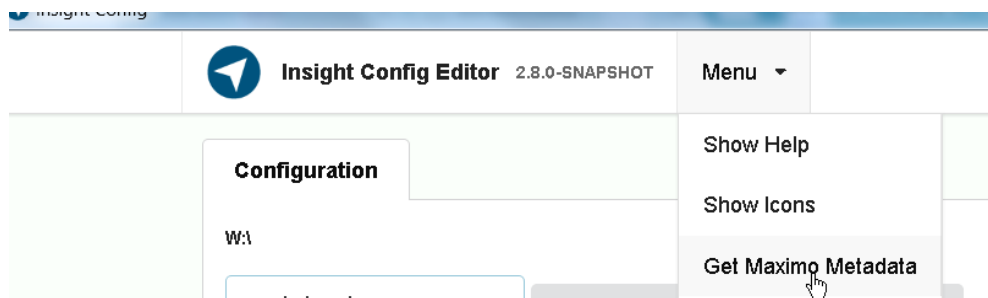


Tools – Insight Config Editor

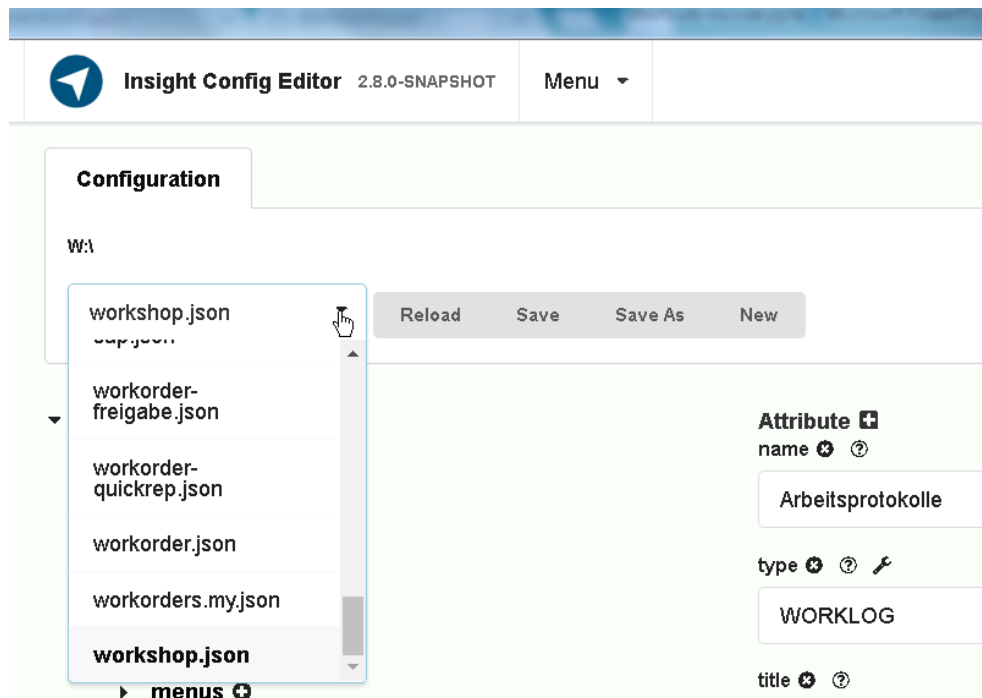
- Metadaten aktualisieren
- Konfiguration bearbeiten
- Attribut anlegen
- Knoten anlegen
- Onlinehilfe



Tools – Metadaten aktualisieren



Tools – Konfiguration öffnen



The screenshot shows the 'Insight Config Editor' interface. At the top, there is a header bar with the application name 'Insight Config Editor 2.8.0-SNAPSHOT' and a 'Menu' dropdown. Below the header, the main workspace is titled 'Configuration'. On the left side, there is a file explorer showing a directory structure with a 'workshop.json' file selected. A context menu is open over this file, listing several JSON files: 'workshop.json', 'workorder-freigabe.json', 'workorder-quickrep.json', 'workorder.json', 'workorders.my.json', and 'workshop.json' (highlighted). Below the file list is a 'menus' folder. To the right of the file explorer, there are buttons for 'Reload', 'Save', 'Save As', and 'New'. Further right, there is an 'Attribute' section with fields for 'name' (containing 'Arbeitsprotokolle'), 'type' (containing 'WORKLOG'), and 'title'.

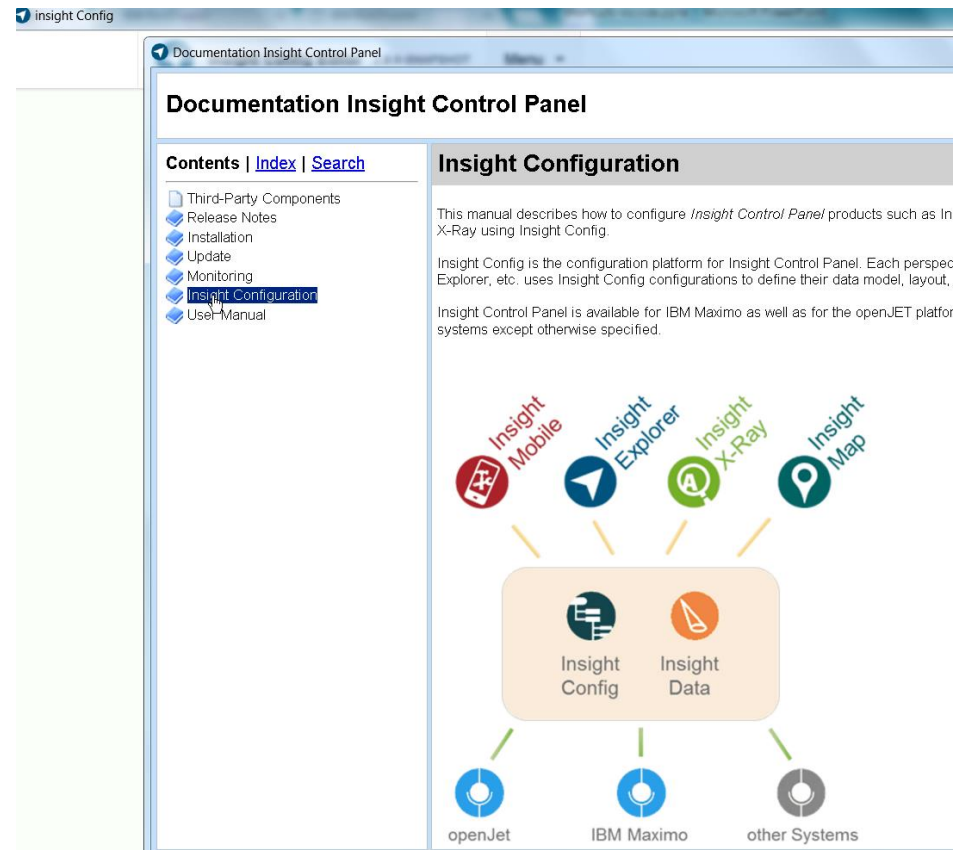
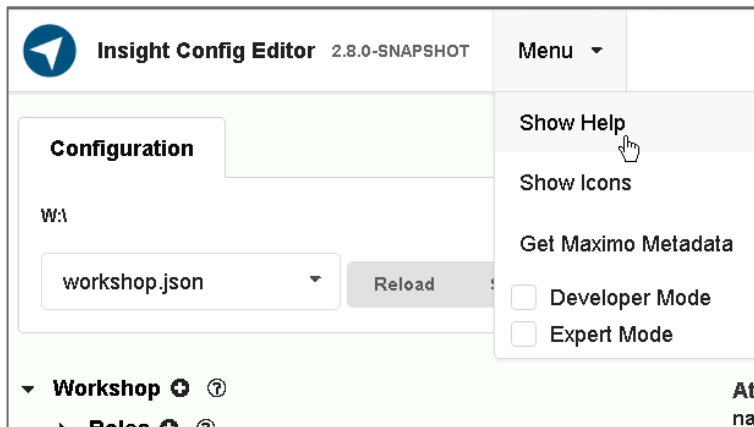
Tools – Maximo Objekte/Attribute

The image displays two screenshots of the Insight Config Editor interface, illustrating the process of selecting and configuring a Maximo object.

Left Screenshot: Shows the configuration editor with a tree view on the left. A dialog box titled "Typ auswählen" (Select Type) is open, showing a search for "Worklog" and a result "WORKLOG Tabelle für Arbeitsprotokolle". The tree view shows a hierarchy: Workshop > root > children > WORKLOG.

Right Screenshot: Shows the configuration editor with the "WORKLOG" object selected in the tree view. The right side of the interface displays the configuration for the selected object, including fields for name (Tabelle für Arbeitsprotokolle), type (WORKLOG), title (WORKLOG), and label.

Tools – Integrierte Online-Hilfe



Tools - VS-Code

- Bearbeitungsmöglichkeiten aller Eigenschaften auf File-Ebene.
- Autovervollständigung und Prüfung über das Insight-Schema-File.
- Versionsverwaltung

- CTRL + F - Im aktuellen Dokument Suchen/Ersetzen
- CTRL + SHIFT + F - In allen Dokumenten Suchen/Ersetzen
- CTRL + SPACE - Autovervollständigung
- ALT + SHIFT + F - Dokument Formatieren

Logische Blöcke markieren:

- ALT + SHIFT + -> - Markierung vergrößern
- ALT + SHIFT + <- - Markierung verkleinern

Aktualisieren Mobiler Client

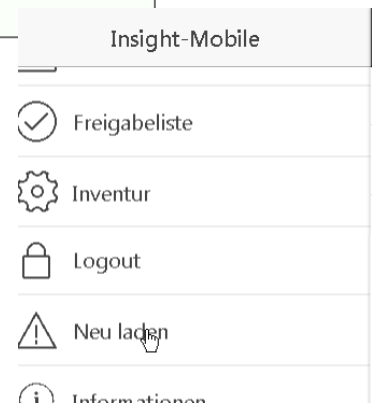
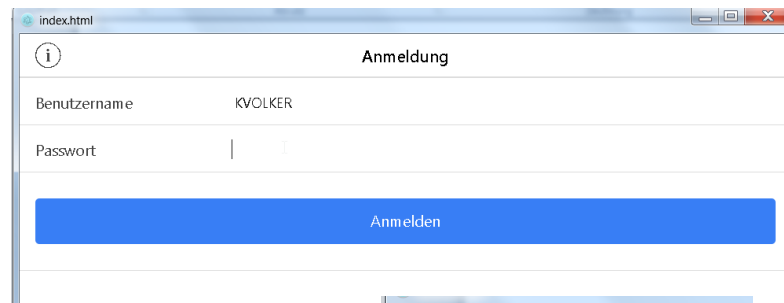
Speichern

Konfigurationsfile im Ordner treeConfigurations abspeichern



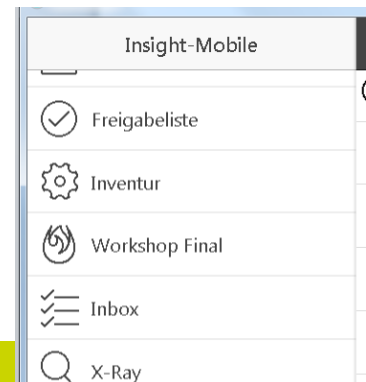
Laden

Neue Anmeldung
oder
Neu laden



Starten

Mobile Anwendung
erscheint im Hauptmenü



Aufgaben

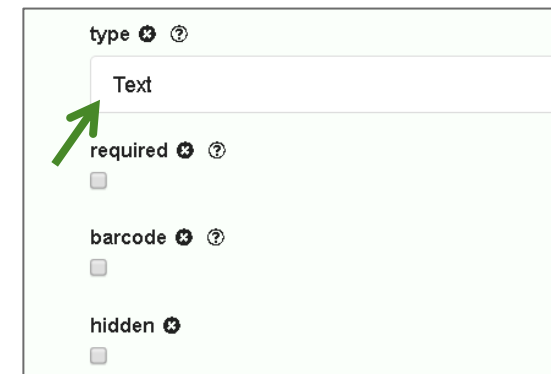
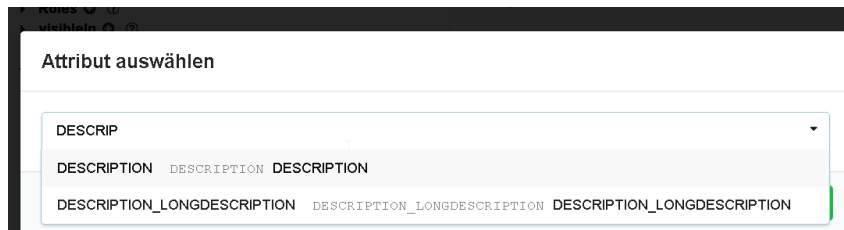
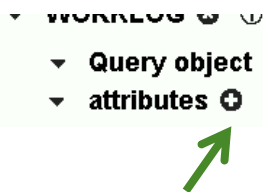
- Anmeldung mit KVOLKER (KVOLKER)
- Für jede Gruppe ein Template
- Für jede Gruppe eine Workorder
- Für jede Gruppe einen ‚Betreuer‘

Aufgaben – Warm-Up

- Attribute

- Lesen/schreiben umstellen (Hilfe → *readonly*)
- Weitere Eigenschaften (barcode, hidden, formField, required, widget, phone,...)
- Neues Attribut

(Insight Config → Reload → neues Attribut → Auswahl → Eigenschaften ergänzen)

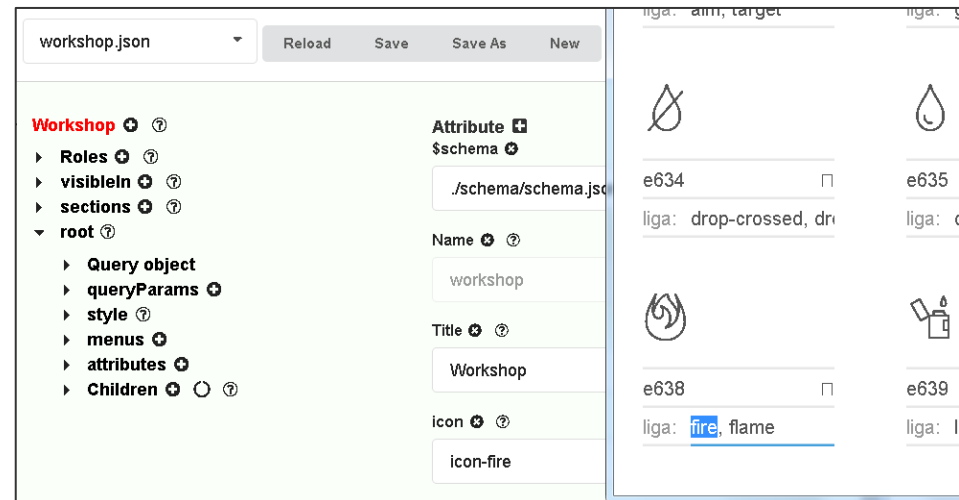


Aufgaben – Warm-Up

■ Layout

- Icon für Anwendung ändern
(Auswahl: Insight Config
→ Menu → Show Icons)
icon : icon-*<IconName>*
- Reihenfolge der Attribute
„attributes“:[...]
- Sektionen ändern/neu: (→ „sections“)

Definition „Sections“, Verweis in der Attributkonfiguration



The screenshot displays a configuration tool for a 'Workshop' application. It features a tree view on the left, a configuration editor in the center, and a list of icons on the right.

- Tree View (Left):** Shows the configuration structure for 'Workshop', including sections like 'Roles', 'visibleIn', 'sections', and 'root'.
- Configuration Editor (Center):** Shows the configuration for the selected 'Attribute' (schema: /.schema/schema.json). Fields include:
 - Name: workshop
 - Title: Workshop
 - Icon: icon-fire
- Icon List (Right):** Shows a list of icons with their IDs and labels. The selected icon is 'e638' with the label 'liga: fire, flame'.

Aufgaben – Warm-Up

- Liste
 - Label
 - Style: Style in Template ändern (Hilfe → *style*)
 - (optional) Filter über Userprofil (Hilfe → *queryParams*)

Profil → Personengruppe prüfen
Anwendung Rückmeldung starten

Anmelden mit JTIMMER
Profil → Personengruppe prüfen
Anwendung Rückmeldung starten

Aufgaben – Beispiel ‚Foto Integration‘

- Beispiel ‚Foto Integration‘
 - Foto-Upload (→ „documents“, „Foto“)
 - Snippet „documents“
 - Foto-Upload über Schnittstelle
 - Defaultimplementierung → Ablage als Maximo-Doclinks
 - Testen: Foto schießen, Speichern
 - Knoten hinzufügen ‚Anzeige der Fotos‘/, ‚Anzeige der Doclinks‘
 - Snippet „Doclinks“ in Abschnitt children [] aufnehmen
 - Testen: Doclinks werden aufgelistet (Verbundene Objekte) Swipe left → Anzeigen

Aufgaben – Beispiel Worklog

- Knoten ‚Beispiel Worklog‘
 - Knoten hinzufügen zur Anzeige von Worklogs
 - Insight Config Editor (s. folgende Folien) oder Snippet WORKLOG-Knoten in Abschnitt „children“ [] einfügen
 - Aktion hinzufügen (→ „menus“, „create“)
 - Snippet Worklog-Menu in Parent-Knoten (Workorder) einfügen
 - Skript anbinden (→ „request“)
 - Snippet WORKLOG-Knoten → saveAction

Aufgaben – Beispiel Worklog

The screenshot displays the 'Insight Config Editor' interface. On the left, a configuration tree is visible with the following structure:

- Workshop
 - Roles
 - visibleIn
 - sections
 - root
 - Query object
 - queryParams
 - style
 - menus
 - attributes
 - Children

A green arrow points to the 'Children' node. A modal dialog box titled 'Typ auswählen' is open, showing a dropdown menu with the following options:

- Worklog
- WORKLOG (highlighted) - WORKLOG Tabelle für Arbeitsprotokolle

The dialog has 'Cancel' and 'OK' buttons. In the background, the configuration editor shows the 'Configuration' section for 'workshop.json' with buttons for 'Reload', 'Save', 'Save As', and 'New'. On the right side, an 'Attribute' configuration panel is visible with the following fields:

- name: Tabelle für Arbeitsprotokolle
- type: WORKLOG
- title: WORKLOG
- label: (empty)

Aufgaben – Beispiel Worklog

The screenshot shows the 'Insight Config Editor' window. The main area is titled 'Configuration' and contains a dropdown menu set to 'workshop.json' with buttons for 'Reload', 'Save', 'Save As', and 'New'. On the left, a tree view shows the configuration structure:

- Workshop
 - Roles
 - visibleIn
 - sections
 - root
 - Query object
 - queryParams
 - style
 - menus
 - attributes
 - Children
 - WORKLOG
 - Query object
 - attributes
 - DESCRIPTION
 - DESCRIPTION_LONGDESCRIPTION
 - SITEID
 - RECORDKEY
 - WORKLOGID
 - CREATEBY
 - CREATEDATE

On the right, the 'Attribute' section shows a 'relation' field with the value 'CUSTOMWOWORKLOG'. A green arrow points to this field.

Aufgaben – Beispiel Worklog

The screenshot displays a GIS software interface with three main components:

- Tree View (Left):** A hierarchical tree structure under 'Workshop'. It includes 'Roles', 'visibleIn', 'sections', and 'root'. Under 'root', there are 'Query object', 'queryPar', 'style', 'menus', 'attributes', and 'Children'. The 'attributes' folder is expanded, showing 'WORK' and 'Query object' sub-folders. A green arrow points to the 'attributes' folder.
- Dialog Box (Center):** A modal dialog titled 'Attribut auswählen' (Select Attribute). It contains a search input field with 'DESCRIP' entered. Below the input, a list of search results is shown: 'DESCRIPTION', 'DESCRIPTION DESCRIPTION', and 'DESCRIPTION_LONGDESCRIPTION'. The 'DESCRIPTION_LONGDESCRIPTION' entry is highlighted in green.
- Attribute Configuration Panel (Right):** A panel for configuring the selected attribute. It shows the 'name' as 'DESCRIPTION_LONGDESCRIPTION'. The 'Label' is also 'DESCRIPTION_LONGDESCRIPTION'. The 'type' is set to 'Text', with a green arrow pointing to this field. The 'required' checkbox is unchecked, and the 'barcode' checkbox is also unchecked.

Aufgaben – Beispiel Worklog

- ▼ WORKLOG ⓘ ⓘ
- ▼ Query object
- ▼ attributes ⊕
 - ▶ DESCRIPTION ⓘ ⬇
 - ▶ DESCRIPTION_LONGDESCRIPTION ⓘ ⬆ ⬇
 - ▶ SITEID ⓘ ⬆ ⬇
 - ▶ RECORDKEY ⓘ ⬆ ⬇
 - ▶ WORKLOGID ⓘ ⬆ ⬇
 - ▶ CREATEBY ⓘ ⬆ ⬇
 - ▶ CREATEDATE ⓘ ⬆

Datentypen nachtragen*

- String
- Text
- String
- String
- Decimal
- String
- Date



*entfällt mit v2.8 (Juni 2017)

Aufgaben – Beispiel Worklog

▼ **WORKLOG** ⓘ ⓘ

- ▼ Query object
- ▼ attributes ⓘ
 - ▶ DESCRIPTION ⓘ ⓘ
 - ▶ DESCRIPTION_LONGDESCRIPTION ⓘ ⓘ
 - ▶ SITEID ⓘ ⓘ ⓘ
 - ▶ RECORDKEY ⓘ ⓘ ⓘ
 - ▶ WORKLOGID ⓘ ⓘ ⓘ
 - ▶ CREATEBY ⓘ ⓘ ⓘ
 - ▶ CREATEDATE ⓘ ⓘ

label ⓘ

`\${CREATEBY}` - `\${DESCRIPTION}`

Layout Worklog einstellen
label
Icon, Bucket, ...

▼ **Workshop** ⓘ ⓘ

- ▶ Roles ⓘ ⓘ
- ▶ visibleIn ⓘ ⓘ
- ▶ sections ⓘ ⓘ
- ▼ root ⓘ
 - ▶ Query object
 - ▶ queryParams ⓘ
 - ▶ style ⓘ
 - ▶ menus ⓘ
 - ▶ attributes ⓘ
 - ▼ Children ⓘ ⓘ ⓘ
 - ▼ **WORKLOG** ⓘ ⓘ

Attribute ⓘ ⓘ

name ⓘ ⓘ

Arbeitsprotokolle

Attribut anlegen

Auswahl:

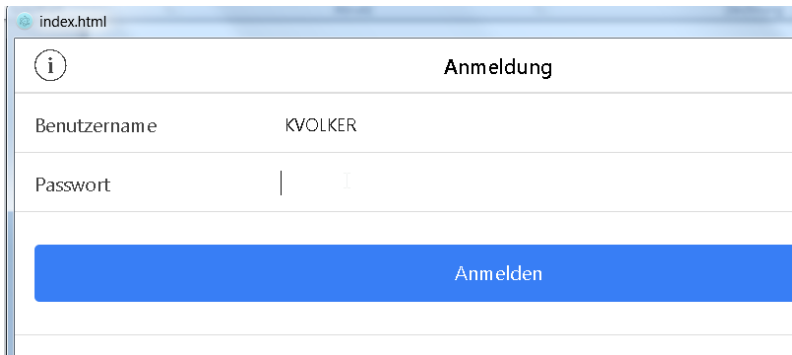
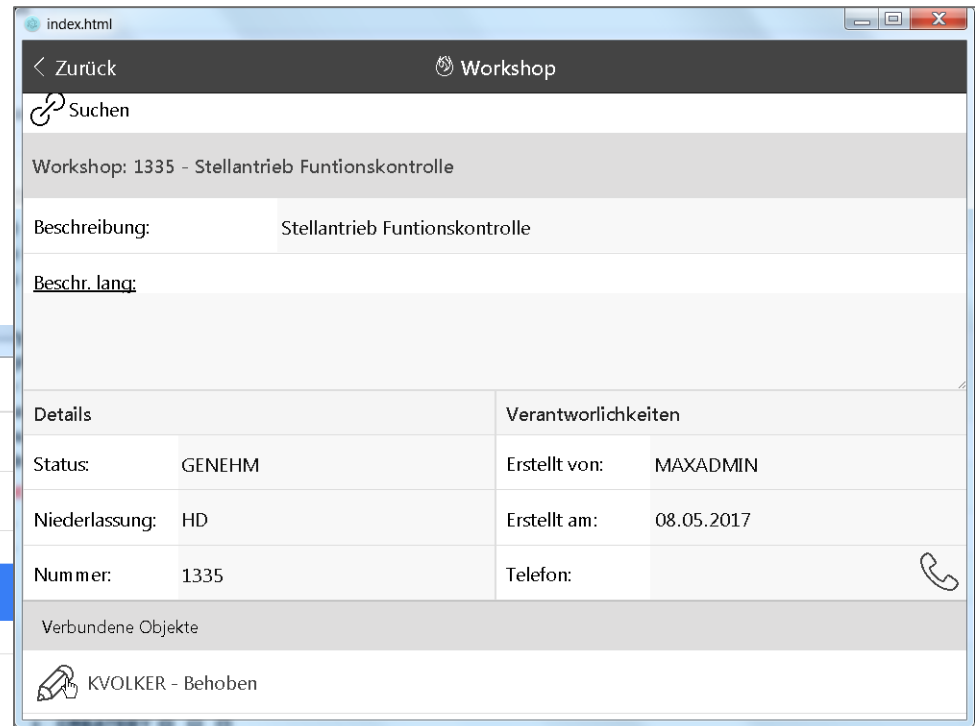
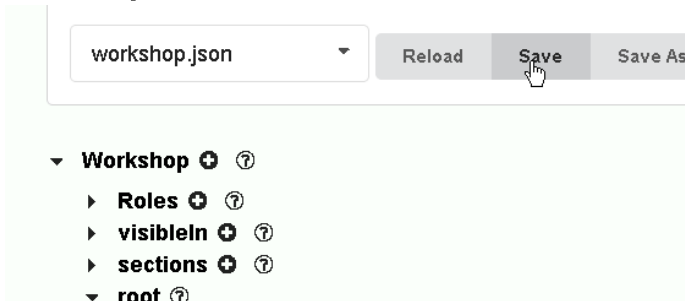
- icon x
- loop
- queryParams
- children
- bucket
- bucketIcon

Arbeitsprotokolle

type ⓘ ⓘ ⓘ		
WORKLOG	e610	e611
title ⓘ ⓘ	liga: pencil3, write4	liga: eraser, rubber
WORKLOG		
label ⓘ		
`\${CREATEBY}` - `\${DESCRIPTION}`	e612	e613
icon ⓘ ⓘ		
icon-pencil3		

Aufgaben – Beispiel Worklog

■ Speichern - Testen



Aufgaben – Beispiel Worklog

- Parent-Knoten (Workorder)
 - Aktion hinzufügen (→ „menus“, „create“)
 - Snippet Worklog-Menu in Parent-Knoten (Workorder) einfügen
- Worklog-Knoten
 - Skript anbinden (→ „request“)
 - Snippet WORKLOG-Knoten → saveAction



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