Customize the Control Panel for an optimal Author Experience

2023-06-13 · Moritz L'Hoest

schwarzdesign digitale kommunikation

Custom Dashboard Widgets

Entries

Assets

Dashboard

Welcome Message

In the beginning the Universe was created. This has made a lot of people very angry and been widely regarded as a bad move. Isn't it enough to see that a garden is beautiful without having to believe that there are fairies at the bottom of it too? In the beginning the Universe was created. This has made a lot of people very angry and been widely regarded as a bad move.

Arthur suggested they go for a walk. Anything that, in happening, causes something else to happen, causes something else to happen. "Some factual information for you. Have you any idea how much damage that bulldozer would suffer if I just let it roll straight over you?"

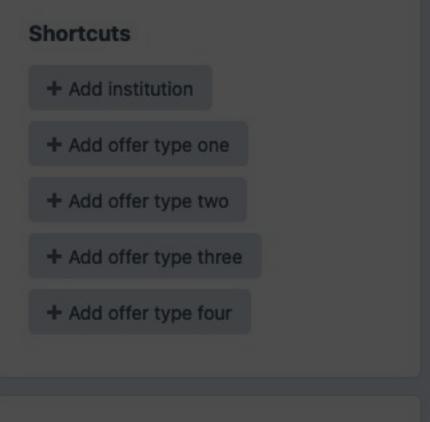
I don't want to buy a ticket, I just want to buy the zoo. I am omniscient and omnipotent, extremely vain and, what is more, I come in a handy self-carrying package. Let's be straight here. If we find something we can't understand we like to call it something you can't understand, or indeed pronounce.

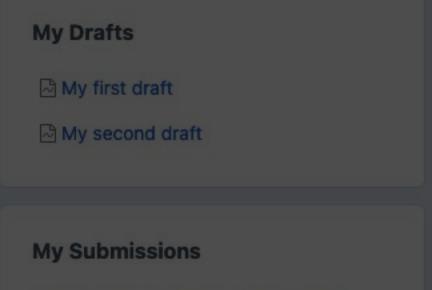
"Forty-two," said Deep Thought, with infinite majesty and calm. Life was so pleasant and relaxed these days, there was time to let things sink in. He was a little man in a strange hat and he sold them a ticket. So we'll have to tell you something you already know but make it sound like news, eh?

Any such things that came his way were referred to others, who had, in turn, other people to refer such things to. Laser light flickered all over him as if he were a packet of biscuits at a supermarket check-out. Arthur Dent was grappling with his consciousness the way one grapples with a lost bar of soap in the bath.

Placeholder text generated by dontpanicipsum.moritzlost.de

Submit News Have a suggestion for our news blog? Submit it here and we'll take a look! Link / URL Message Suggest news





View my entries

Edit my account

Support inquiry

Go back to the homepage

Links

Submission for "My first draft" on 9/28/2023, 3:41PM 3:41PM

```
. . .
<?php
namespace modules\Workflow\widgets;
use Craft;
use craft\base\Widget;
use craft\elements\Entry;
class AdminNotes extends Widget
    public static function displayName(): string
        return Craft::t('custom_workflows', 'widget_admin_notes_name');
    public function getBodyHtml(): ?string
        $workflowsSettings = Entry::find()→section('workflows')→one();
        $adminNotes = $workflowsSettings→body ?? null;
        if (!$adminNotes) {
          return Craft::t('custom_workflows', 'widget_admin_notes_no_content');
        return $adminNotes;
```

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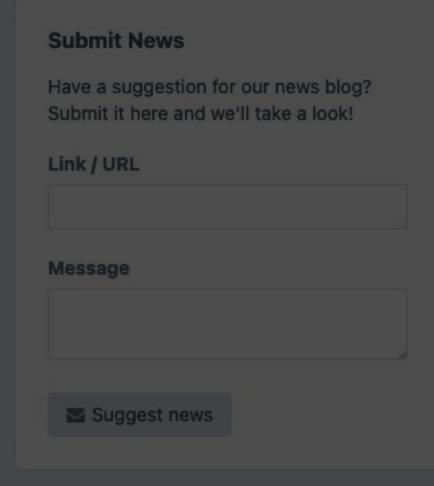
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Placeholder text generated by dontpanicipsum.moritzlost.de



Shortcuts
+ Add institution
+ Add offer type one
+ Add offer type two
+ Add offer type three
+ Add offer type four

Links

View my entries

Edit my account

Support inquiry

Go back to the homepage

3:41PM

```
use Craft;
use verbb\workflow\elements\Submission;
use verbb\workflow\widgets\Submissions;
class OwnSubmissions extends Submissions
    public static function displayName(): string
        return Craft::t('custom_workflows', 'widget_own_submissions_name');
    public function getBodyHtml(): ?string
        $user = Craft::$app→user?→getIdentity();
        if (!$user) {
            return '';
        $submissions = Submission::find()
            →status($this→status)
            \rightarrowlimit($this\rightarrowlimit)
            \rightarroweditorId($user\rightarrowid)
            \rightarrowall();
        return Craft::$app→getView()→renderTemplate('workflow/_widget/body', [
             'submissions' ⇒ $submissions,
        ]);
```



Entrie

Assets

Dashboard

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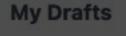
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Submit News	Shortcuts
Have a suggestion for our news blog? Submit it here and we'll take a look!	+ Add institution
Link / URL	+ Add offer type one
	+ Add offer type two
Message	+ Add offer type three
	+ Add offer type four
Suggest news	Links
	View my entries
	Edit my account
	Support inquiry
	Go back to the homepage



My first draft

My second draft

My Submissions

 Submission for "My first draft" on 9/28/2023, 3:41PM
 3:41PM

```
ul>
   <a href="{{ cpUrl('entries') }}">
       {{ 'widget_quick_links_link_entries'|t('custom_workflows') }}
   </a>
   <a href="{{ cpUrl('myaccount') }}">
       {{ 'widget_quick_links_link_profile'|t('custom_workflows') }}
   </a>
   {% if contactEntry %}
       <a href="{{ contactEntry.getUrl() }}">
           {{ 'widget_quick_links_link_contact'|t('custom_workflows') }}
       </a>
   {% endif %}
   <a href="{{ siteUrl() }}">
       {{ 'widget_quick_links_link_home'|t('custom_workflows') }}
   </a>
```



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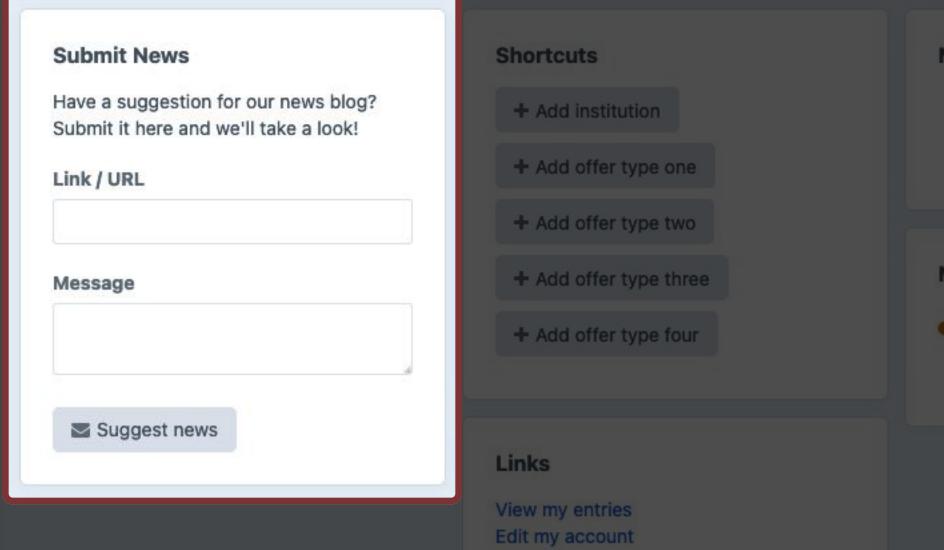
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Support inquiry

Go back to the homepage

My Drafts

My first draft

My second draft

My Submissions

Submission for "My first draft" on 9/28/2023, 3:41PM3:41PM

Enforcing a Default Dashboard

Craft 4 Plugin Store





SEO & Accessibility

Localization

Ecommerce

Forms

Fields

Operation of the content of the c

Security

Templating

Performance

😑 Control Panel

Widgets

Assets

Utilities

P Mailer Adapters

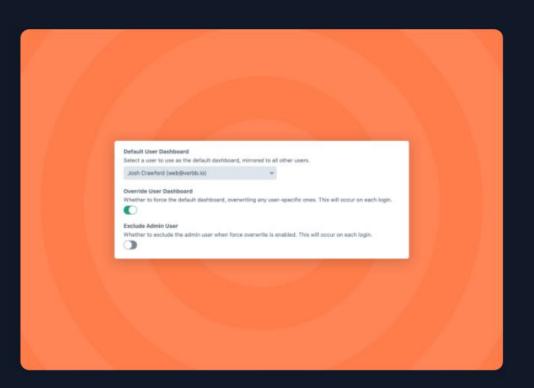
Social Networking

¶ Integrations



Overview

Changelog



Setup default widgets for each of your users. Rather than setting up widgets for each user manually, or instructing your client - have them populated automatically.

This is achieved by setting the base user account from which to copy dashboard widgets from. Each time your users log into the control panel, Default Dashboard will populate their dashboard widgets. Default Dashboard is also smart enough to know when your widgets have changed, and to not update other users unless they have. This saves needless database updating.

Importantly, you can allow your users to modify their widgets by turning off the **Override** function. With this turned on, all users' widgets will be replaced when thet login, so any of their widgets will be lost. Turning this off still provides users with your initial default widgets, but they're free to alter them to their needs.



Installation Instructions

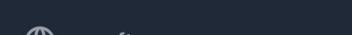
Shell DDEV

composer require "verbb/defau 🕃

To install this plugin, copy the command above to your terminal.

Active Installs

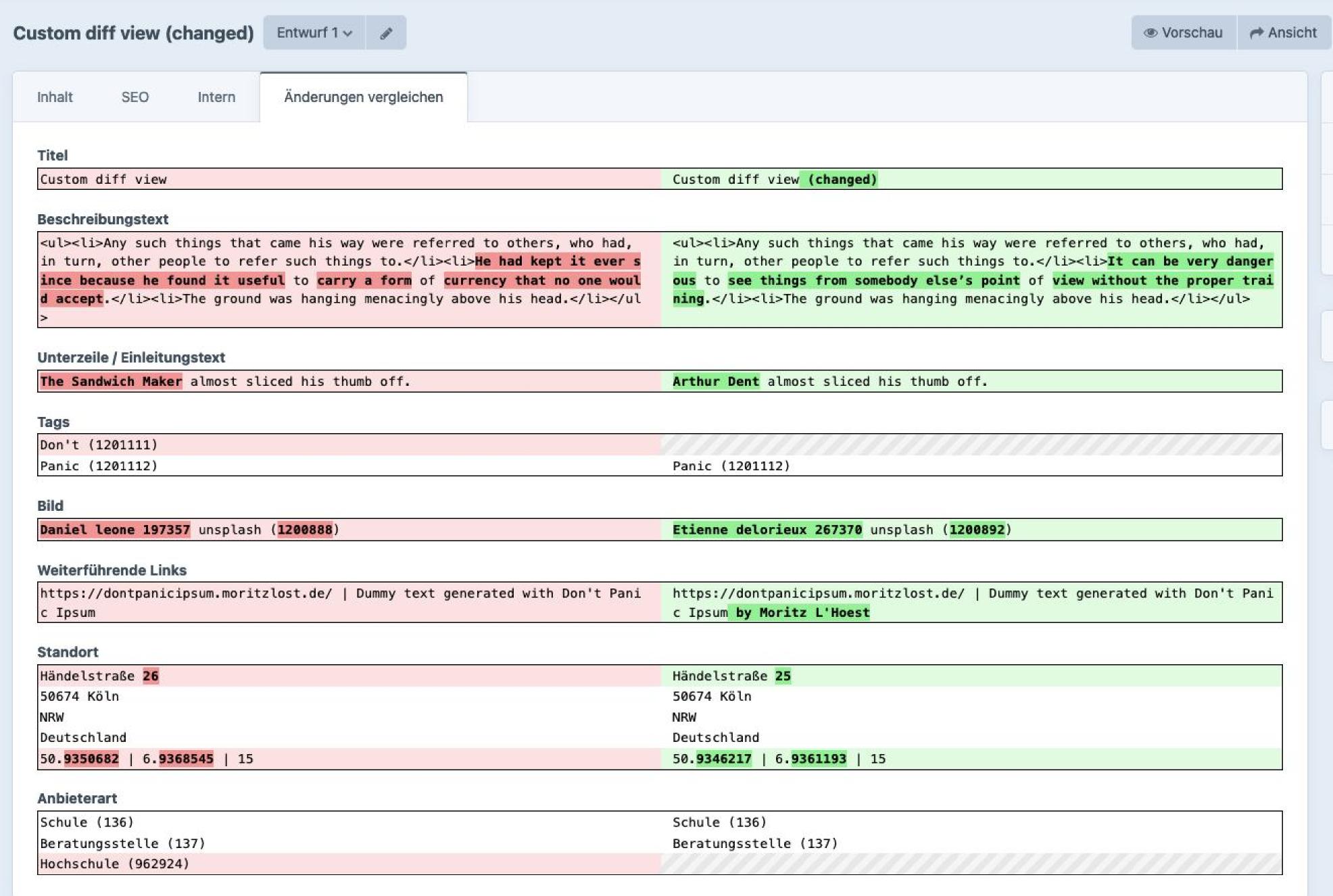
6,075

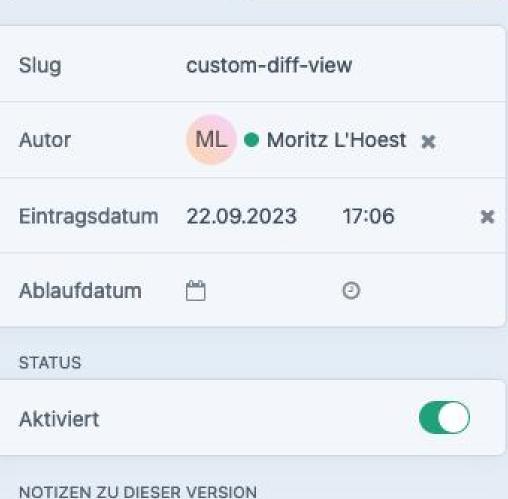


```
/**
* User::EVENT_AFTER_LOGIN
public function ensureDefaultDashboardWidgets(User $user): void
    $existingWidgets = Craft::$app→dashboard→getAllWidgets();
    foreach ($existingWidgets as $widget) {
       Craft::$app→dashboard→deleteWidget($widget);
    $defaultWidgets = [
       Craft::$app→dashboard→createWidget([
            'type' ⇒ 'modules\\Workflow\\widgets\\AdminNotes',
            'colspan' \Rightarrow 2,
       ]),
       Craft::$app→dashboard→createWidget(
            'modules\\Workflow\\widgets\\Shortcuts'
       Craft::$app→dashboard→createWidget(
            'modules\\Workflow\\widgets\\QuickLinks'
        // More widgets ...
    ];
    foreach ($defaultWidgets as $widget) {
       Craft::$app→dashboard→saveWidget($widget);
```

Customizing the Editorial Workflow

Entwurf speichern





1201123

Aktiv

22.09.2023, 17:06

22.09.2023, 17:07

Entwurf anwenden

ID

Status

Erstellt am

Aktualisiert

```
> cd modules/RevisionDiff
 tree .
   RevisionDiffModule.php
    fieldlayoutelements
       RevisionDiff.php
    services
       ComparisonService.php
       DiffService.php
    templates
        changes-tab.twig
```

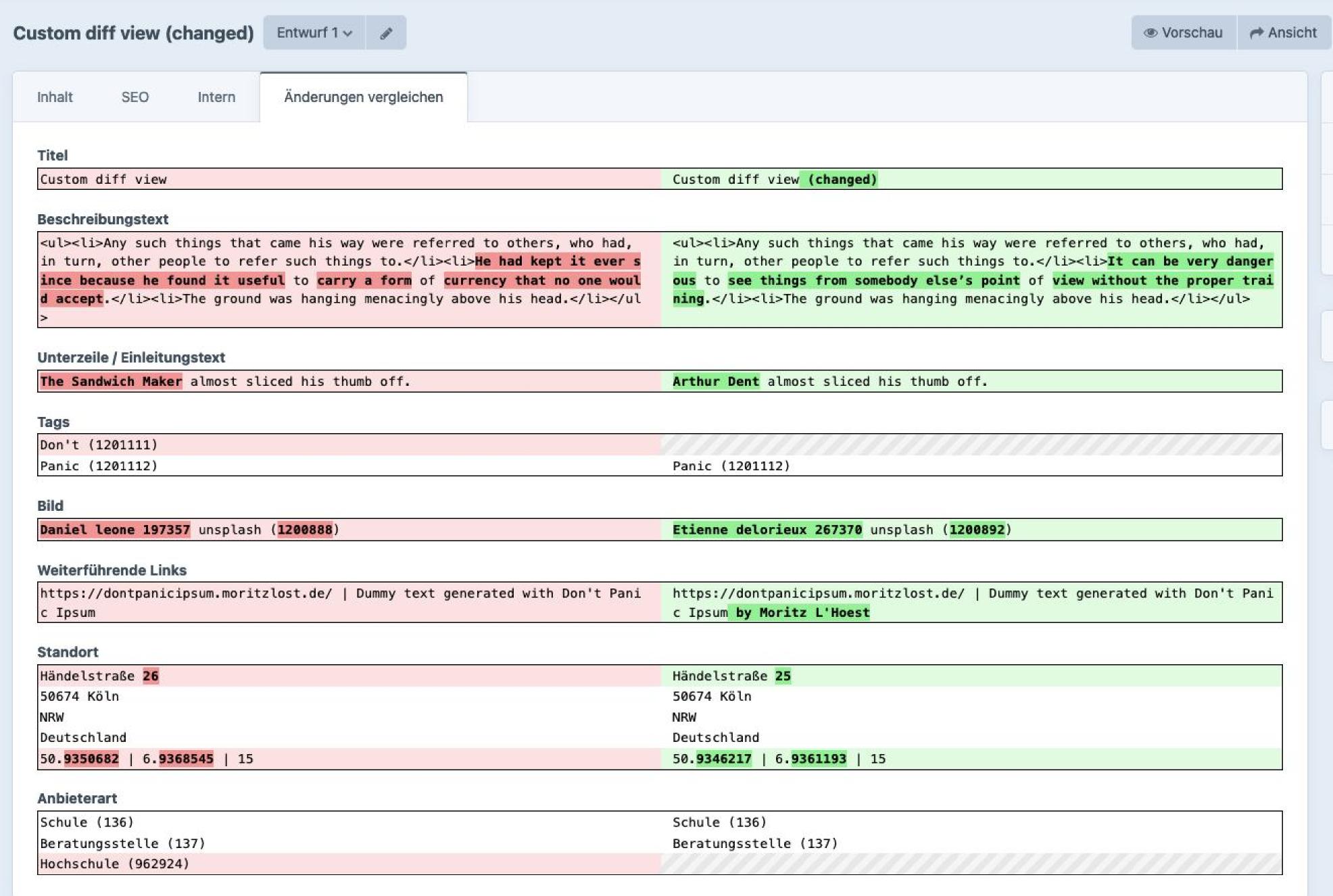
```
* Normalize the given value to a string representation.
 public function normalizeValue(mixed $value): string
    if (is_array($value)) {
        $value = implode(PHP_EOL, array_map($this→normalizeValue(...), $value));
    if (is_bool($value)) {
        $value = Craft::t('app', $value ? 'Yes' : 'No');
    if ($value instanceof DateTime) {
        $value = Craft::$app→getFormatter()→asDatetime($value, 'medium');
    if ($value instanceof MultiOptionsFieldData) {
        $value = $this→normalizeValue(ArrayHelper::getColumn($value, 'label'));
    if ($value instanceof SingleOptionFieldData) {
        $value = $value→label;
    if ($value instanceof Address) {
        $value = $this→normalizeAddress($value);
    if ($value instanceof ElementQuery) {
        $value = $this→normalizeValue($value→all());
    if ($value instanceof SuperTableBlockElement) {
        $value = $this→normalizeSuperTableBlock($value);
    if ($value instanceof User) {
        $value = "{$value→fullName} ({$value→id})";
    if ($value instanceof Element) {
        $value = $value→hasTitles()
            ? "{$value→title} ({$value→id})"
            : $value→id;
    return (string) $value;
```

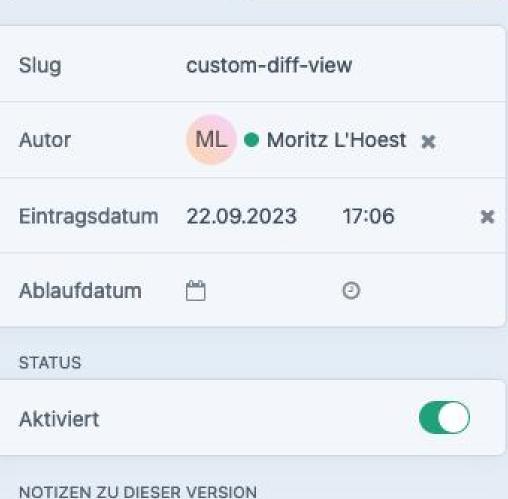
```
public function getAttributeChanges(Element $element): array
    $new = $element;
    $old = $element→getCanonical();
    $modifiedAttributes = $new→getModifiedAttributes();
    $changes = [];
    foreach ($modifiedAttributes as $attribute) {
        $oldValue = $old→{$attribute};
        $newValue = $new→{$attribute};
        $changes[$attribute] = [
            'label' ⇒ Craft::t('app', $new→getAttributeLabel($attribute)),
            'diff' ⇒ $this → diffValues(
                $this→prepareAttributeForComparison($attribute, $oldValue),
               $this → prepareAttributeForComparison($attribute, $newValue),
        ];
    return $changes;
```

```
class RevisionDiff extends BaseUiElement
    public function formHtml(
        ?ElementInterface $element = null,
        bool $static = false,
    ): ?string {
        /** @var View $view */
        $view = Craft::$app→view;
        /** @var RevisionDiffModule $module */
        $module = RevisionDiffModule::getInstance();
        if (!$element) {
            return null;
        if (!$element→getIsDraft() || !$element→getIsDerivative()) {
            $noChangesText = Craft::t('app', 'No changes to display');
            return "{$noChangesText}";
        $changes = $module→comparison→getRevisionChanges($element);
        $view→registerCss($module→diff→getDiffCss(), [], 'revision-diff-styles');
        return $view→renderTemplate('_revision-diff/changes-tab', [
            'changes' ⇒ $changes,
        ]);
```

```
• • •
/*
 * FieldLayout:: EVENT_CREATE_FORM
 */
public function addRevisionDiffTabToEntryForms(CreateFieldLayoutFormEvent $e)
    $element = $e→element;
    if (!$element instanceof Entry) {
        return;
    if (!$element→getIsDraft()) {
        return;
    $e→tabs[] = new FieldLayoutTab([
        'name' ⇒ Craft::t('app', 'Compare changes'),
        'layout' \Rightarrow $e\rightarrowsender,
        'elements' ⇒ [
            new RevisionDiff(),
```

Entwurf speichern





1201123

Aktiv

22.09.2023, 17:06

22.09.2023, 17:07

Entwurf anwenden

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Aktualisiert

Thank you!

- Slides and code examples https://github.com/MoritzLost/2024-craft-author-experience
- Work
 schwarzdesign.de
- Contact
 m@moritz.contact