

What is the listing rules context builder?

The Listing Rules Context Builder is used to build the rule-specific context that listing rules need when being displayed in the Admin UI.

For example, the `\Aero\Admin\Pipelines\Pipes\AttachTaggedWithRuleContext` pipe attaches the hydrated tags data for the `\Aero\Catalog\Rules\Types\TaggedWithRule` rule:

```
class AttachTaggedWithRuleContext
{
    public function handle(\Aero\Admin\Pipelines\ListingRuleContextBuilder $pipeline,
\Closure $next)
    {
        $tagIds = $pipeline->rules
            ->where('type', \Aero\Catalog\Rules\Types\TaggedWithRule::KEY)
            ->flatMap(function (ListingRule $rule) {
                return collect($rule->options['filters'] ?? [])->flatten()->toArray();
            })
            ->unique();

        $pipeline->data[\Aero\Catalog\Rules\Types\TaggedWithRule::KEY] = [
            'tags' => $tagIds->isNotEmpty()
                ? \Aero\Catalog\Models\Tag::query()
                    ->select('id', 'tag_group_id', 'name')
                    ->with('group')
                    ->whereIn('id', $tagIds)->get()
                    ->mapWithKeys(function (\Aero\Catalog\Models\Tag $tag) {
                        $id = $tag->getKey();

                        return [
                            $id => [
                                'value' => (string) $id,
                                'name' => $tag->getAttribute('name'),
                                'group_id' => (string) $tag->getRelation('group')->getKey(),
```

```

        'group' => $tag->getRelation('group')->getAttribute('name'),
        ],
    ];
    })
    ->toArray()
    : [],
];

return $next($pipeline);
}
}

```

Parameters

Parameter	Type	Description
<code>\$pipeline</code>	<code>\Aero\Admin\Pipelines\ListingRulesContextBuilder</code>	The listing rules context builder.
<code>\$next</code>	<code>\Closure</code>	The next step in the builder.

Attributes

Attribute	Type	Description
<code>\$rules</code>	<code>\Illuminate\Support\Collection</code>	All the rules corresponding to the model (that is being viewed in the Admin).
<code>\$data</code>	<code>array</code>	The array of data the rules need (for display purposes only).

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