

Public JS API

/ Getting started

This article contains information regarding access to Public JS API and examples of its usage.

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/ API methods

The API contains three main types of objects: **cart**, **localization** and **customer**. They are accessible through the **window.tcApi**. The object **window.tcApi** returns Promise with **TcApi** class instance.

cart: TcApiCart

getTotalValue(): Promise<number> - method returns total value of cart.

getProductsValue(): Promise<number> - method returns total value of all products in cart.

getProductsQuantity(): Promise<number> - method returns quantity of products in cart (product * quantity).

getGiftsQuantity(): Promise<number> - method returns quantity of gifts in cart.

totalProducts(): Promise<number> - method returns number of product rows in cart.

totalGifts(): Promise<number> - method returns number of gift rows in cart.

getProductsSummary(): Promise<ProductSummary> - method returns **ProductsSummary** object

```
interface ProductSummary {  
  totalValue: number;  
  productsValue: number;  
  totalProductsQuantity: number;  
  totalGiftsQuantity: number;  
  totalProducts: number;  
  totalGifts: number;  
}
```

localization: TcApiLocalization

getLocale(): string - current env locale. For example: **pl**, **cs** or **sk**.

getCurrency(): string - current locale currency. For example **zł** in PL environment.

getCurrencyIso(): string - current locale currency in **ISO 4217** standard. For example **PLN**.

getDecimalDigits(): number - number of decimal digits in prices.

getMinGiftPrice(): number - minimum price for a gift.

getMobileRegex(): string - mobile phone number regex pattern.

getMobileDefaultPrefix(): string - mobile phone number prefix. For example: **+48**.

getMobilePlaceholder(): string - mobile phone number placeholder. For example:
+48000000000

getPostalCodePlaceholder(): string - postal code placeholder. For example: **00-000**.

getPostalCodeRegex(): string - postal code regex. For example: **^([0-9]{2}-[0-9]{3})\$**.

customer: TcApiClient

isLoggedIn(): Promise<boolean> - method returns authentication state of current customer.

getFirstName(): Promise<string|null> - method returns first name of customer if logged in.

getState(): Promise<CustomerState> - method return **CustomerState** object.

```
interface CustomerState {  
  loggedIn: boolean;  
  firstName: string|null;  
}
```

Examples

Example usage of TC public JS API in CMS Blocks and CMS Pages.

Methods returning a Promise type may return the target value with a slight delay. This fact should be taken into account when designing views to avoid potential issues related to Cumulative Layout Shift or empty HTML elements.

Fetch and display current cart value in span element

```
<script>  
window.tcApi().then(async (api) => {  
  if (api.localization === null) { /* Localization object can be null */  
    return;  
  }  
  
  const cartValue = await api.cart.getTotalValue(); /* Example: 14.99 */  
  const currency = api.localization.getCurrency(); /* Example: "zł" */  
  const cartValueElement = document.querySelector('.cart-value');  
  if (!cartValueElement) {  
    return;  
  }  
  cartValueElement.innerText = `${cartValue} ${currency}`;  
});  
</script>
```

The value of your cart is

Check if user is logged in and display the appropriate banner based on their status

```
<script>  
window.tcApi().then(async (api) => {  
  const {loggedIn, firstName} = await api.customer.getState();  
  
  const loggedElement = document.querySelector('.logged');  
  const unloggedElement = document.querySelector('.unlogged');  
  if (!loggedElement || !unloggedElement) {  
    return;  
  }  
  
  if (loggedIn && firstName) {  
    loggedElement.style.display = 'block';  
    unloggedElement.style.display = 'none';  
    loggedElement.innerText = `Welcome ${firstName}`;  
  }  
});  
</script>
```

```
} else {  
loggedElement.style.display = 'none';  
unloggedElement.style.display = 'block';  
}  
});  
</script>  
  
<div class="logged" style="display: none;"></div>  
<div class="unlogged" style="display: none;">Welcome guest!</div>
```

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