

# readme.md for @consent.software/catalog

A sleek, modern library of web components for seamless consent management integration. Built with Lit and designed for GDPR/CCPA compliance out of the box.

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## Features

**Cookie Consent Modal** - Beautiful, responsive consent dialog with light/dark theme support  **Interactive Toggles** - Draggable toggle switches with smooth animations  **Mobile-First Design** - Fully responsive across all device sizes  **Theme-Aware** - Automatically detects system light/dark mode preference  **Privacy-First** - Integrates with consent.software backend for compliant consent tracking ✂ **Zero Config** - Drop-in components that just work

## Installation

```
npm install @consent.software/catalog  
# or  
pnpm add @consent.software/catalog
```

## Quick Start

Import the components and add the consent banner to your page:

```
import '@consent.software/catalog';  
  
// That's it! Add the component to your HTML
```

```
<consentsoftware-cookieconsent></consentsoftware-cookieconsent>
```

The consent banner automatically:

- Shows on first visit when no consent preferences are stored
- Hides after user makes a selection
- Respects system dark/light mode
- Stores preferences via the consent.software backend

# Components

## <consentsoftware-cookieconsent>

The main consent modal component. Provides a full-screen overlay with cookie preference options.

```
<consentsoftware-cookieconsent></consentsoftware-cookieconsent>
```

### Features:

- Three-button interface: Deny, Accept Selection, Accept All
- Four cookie categories: Required, Preferences, Statistics, Marketing
- Animated modal with backdrop blur
- Shake feedback when clicking outside the modal
- Automatic theme detection (light/dark)

## <consentsoftware-toggle>

A draggable toggle switch component with touch support.

```
<consentsoftware-toggle>Label Text</consentsoftware-toggle>  
<consentsoftware-toggle required>Required</consentsoftware-toggle>
```

### Properties:

- `required` (boolean) - When true, toggle is locked in the "on" position
- `selected` (boolean) - Current toggle state

#### Events:

- `toggle` - Fired when state changes, includes `{ selected: boolean }` in detail

## <consentsoftware-tabs>

Tab navigation component with animated indicator.

```
<consentsoftware-tabs></consentsoftware-tabs>
```

Displays three tabs: Consent, Details, and Cookie Policy.

## <consentsoftware-header>

Simple header component for the consent modal.

```
<consentsoftware-header></consentsoftware-header>
```

## <consentsoftware-mainselection>

Grid layout containing toggle switches for each cookie category.

```
<consentsoftware-mainselection></consentsoftware-mainselection>
```

# Backend Integration

This catalog integrates with the `@consent.software/webclient` package for backend communication:

```
import { CsWebclient } from '@consent.software/webclient';

const client = new CsWebclient();

// Check current consent levels
const levels = await client.getCookieLevels();
if (!levels) {
```

```
// Show consent dialog
}

// Set consent levels programmatically
await client.setCookieLevels(['functional', 'analytics']);

// Run consent-dependent scripts
await client.getAndRunConsentTuples();
```

## Styling & Theming

The components use CSS custom properties for easy theming:

```
consentsoftware-cookieconsent {
  /* Text and colors */
  --text-color: #333;
  --background-color: #eeeeee;
  --accent-color: #333333;

  /* Buttons */
  --button-bg: #ffffff;
  --button-hover-bg: #f2f2f2;

  /* Links */
  --link-color: #333;
  --icon-color: #4496f5;

  /* Modal */
  --modal-box-shadow: 0px 0px 8px rgba(0, 0, 0, 0.2);
  --info-bg: rgba(0, 0, 0, 0.1);
  --info-text: rgba(0, 0, 0, 0.5);
}
```

The component automatically switches to dark theme variables when `theme="dark"` is set or when the system prefers dark mode.

## Cookie Levels

The consent system uses three user-selectable levels plus a required baseline:

Level	Description
<code>functional</code>	Required cookies for site operation (always enabled)
<code>preferences</code>	User preference cookies
<code>analytics</code>	Statistics and analytics tracking
<code>marketing</code>	Marketing and advertising cookies

## Browser Support

- Chrome (last 2 versions)
- Firefox (last 2 versions)
- Safari (last 2 versions)
- Edge (last 2 versions)

Built with modern ES modules and requires browsers with native Custom Elements v1 support.

## Development

```
# Install dependencies
pnpm install

# Build the project
pnpm run build

# Watch mode for development
pnpm run watch
```

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# Company Information

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