

# Example: Displaying preloaded content based on the time and day

When content preloading is enabled for a modification, flickering is decreased when displaying large content items, such as banners. However, content preloading has some limitations. For example, you can't define a modification to be displayed on specific hours of the day or specific days of the week. You can work around this limitation by binding a [trigger](#) to a placement that you then associate with a modification.

This example uses simple custom JavaScript for getting the time of the day as a rule for the trigger. The trigger is defined so that the modification is only displayed to visitors during the evening hours (18:00 to midnight). This is useful when you want to target audiences that typically make their purchasing decisions after office hours.

You must first [create a trigger](#) to detect the time of the day, and then [create a placement](#) for [using the trigger to display the modification](#).

## Creating the trigger

To create the trigger:

1. In the Frosmo Control Panel, select **Triggers**.
2. Click **Create trigger**.
3. Define the following settings:
  - **Name:** Enter "Evening 18:00 to midnight".
  - **Evaluation point:** Select **DOM ready**. This means that the trigger is evaluated once all HTML elements have been loaded on the page.
  - **Rules:** Click **Add new rule**, select **JavaScript code**, and set the following rule:

The value of the

```
(function () {  
    var hour = (new Date()).getHours();  
    return hour > 18 && hour < 24;  
})();
```

JavaScript function *is exactly true*.

This means that when all HTML elements have been loaded on the page, the JavaScript functions checks whether the current time is between 18:00 and midnight. If so, the function returns "true", and the trigger is fired.

**Name\***

Evening 18:00 to midnight

**Description**

**Evaluation point\***

Define the event when the platform evaluates whether to fire the trigger. [Learn more](#)

DOM ready

**Rules**

To limit when the trigger is fired, add rules. [Learn more](#)

**JavaScript code**

The value of the  JavaScript function

is exactly

[Add new condition](#)

[Add new rule](#)

**Alias**

To bind a JavaScript function to the trigger, enter the function name as the alias for the trigger. [Learn more](#)

4. Click **Save**.

## Creating the placement

To create the placement:

1. In the Frosmo Control Panel, select **Modifications > Placements**.
2. Select **Create placement**.
3. Define the following settings:
  - **Name:** Enter "Home page - Banner - Evening".
  - **Target element:** Select **CSS selector**, and enter "#banner-top" (or whatever is appropriate on your site) as the selector name.
  - **Display method:** Select **Replace content**. This means that the modification content replaces the original content of the target element.
  - **URL matcher:** Click **Add new rule**, and define the rule as **Page path is exactly /?product\_cat=frosmo-pets** (or whatever is appropriate on your site).
  - **Trigger:** Click **Select trigger**, select the **Evening 18:00 to midnight** trigger you created above, and click **Select**.

**Name\***

Home page - Banner - Evening

**Description**

**Target element\***

Enter the selector for the web page element or elements in relation to which the modification content is to be placed in the page code. [Learn more](#)

CSS selector

**Display method\***

Select how the modification content is placed in relation to the target element in the page code. [Learn more](#)

Replace content

**URL matcher**

To use the modification content only on selected pages of the site, define one or more URL rules for the placement. [Learn more](#)

**Page URL**

Page  is exactly

[Add new rule](#)

**Trigger**

To control when the modification content is added to a page, attach a trigger to the placement. [Learn more](#)

Evening 18:00 to midnight

4. Click **Save**.

## Using the trigger in a modification

To use the trigger in a modification:

1. In the Frosmo Control Panel, select **Modifications > Overview**.
2. [Find the modification](#) to which you want to attach the trigger, and click the modification name.
3. In the **Basic settings** view, click **Select placement**.
4. Select the placement you created, and click **Save**.

The modification is now only displayed to visitors during the evening hours (18:00 to midnight).

You're done with this example!