

YouDanMu

Sprint 2

Instructions Manual

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Requirement

Operating System: Windows, Mac OS, Linux, or any operating system runs Google Chrome.

Web Browser: Google Chrome (can download from <https://www.google.com/chrome/>)

YouDanMu Executable: "YouDanMu-bugseed.crx"

Installation

1. Open Google Chrome browser.
2. Goto Settings -> Extensions, or navigate to URL **chrome://extensions/**
3. Drag and drop the "**YouDanMu-bugseed.crx**" executable file onto the extensions page.
4. Click "Add extension" on the prompt popup.
5. Verify that YouDanMu's icon is now displaying on your browser extension bar.



Basic Usage

Load Danmaku from Bilibili to YouTube

Given a pair of YouTube and Bilibili video URLs, we want to use YouDanMu to extract Danmaku from the Bilibili video and render on top of the YouTube video.

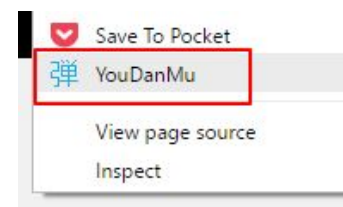
Note: For testing purpose, we have provided a set of matching YouTube and Bilibili video URLs pairs in Appendix.

Here we use the following pair for demo purpose:

<https://www.youtube.com/watch?v=HFIgNoUsr4k>

<https://www.bilibili.com/video/av6856086/>

1. Navigate to the YouTube video page: <https://www.youtube.com/watch?v=HFIgNoUsr4k>
2. Click on the YouDanMu icon in your browser extension bar, or the YouDanMu button on the YouTube video player, or the YouDanMu option in context menu.



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- The screenshot shows the YouDanMu application interface. At the top, there is a title bar with the text "YouDanMu" and a blue toggle switch that is currently turned on. Below the title bar, there is a section titled "Post Danmaku". This section contains a text input field with the placeholder text "Say something...". Below the input field, there is a row of buttons: a black square button, a blue button with the letter "S", a blue button with the letter "L", a blue button with an upward arrow, a blue button with a downward arrow, a blue button with a list icon, and a blue button labeled "Post". Below this section, there is a section titled "Danmaku Source". This section contains a text input field with the placeholder text "Danmaku Source URL...". Below the input field, there are two blue buttons: "Unload" and "Load". Below this section, there is a section titled "Opacity". This section contains a horizontal slider bar with a blue knob and a small input field to the right of the slider containing the number "1". At the bottom of the interface, there is a section titled "Developer Mode" with a blue toggle switch that is currently turned on.

- 再来一遍！
鼻孔
ppap
赵本山
可怕！
PPAP
- 这是屁屁挨屁里的幼儿园园长啊
黄猿够了23333
感觉就开头正常了……
这是一脸懵逼？
当真是岛吾郎老了打他呀！！！！
男神~~~~~
黄猿干啥呢
有谁和我-
卡在了奇
简直魔性
- 我哥
塞出不去了
3333333
笔小新去！
- hhhhhhh
-
- 0:24 / 2:39

Post Danmaku on YouTube Video

Given a YouTube video page, we want to post Danmaku on the video.

1. Navigate to a YouTube video page.
2. Bring up the YouDanMu panel.
3. Under “Post Danmaku” section, write something you want to post.
4. Under the text box, there are few options you can make to adjust the behaviour of your Danmaku. From left to right, they are: text color, font size, and position. Note that we only provide two presets of font size: small and large. Position defines where your Danmaku would appear on the screen, possible values are: top, where it stays fixed at top of the video, and disappear after a short time; bottom, same as top but fixed at bottom; and rolling marquee, where it enters the screen from the right side of the video, and exit from left side, longer text moves faster, and Danmaku are placed at places to avoid as many collisions as possible with any other rolling marquee Danmaku, while keeping it close to the top of the screen.
5. After making all your adjustments, click “Post”.
6. Your Danmaku should immediately appear on the video while playing.

Note: Since we haven't implemented a backend server yet, your posted Danmaku is only rendered locally and will be cleared when your page is refreshed.

Unloading Danmaku

1. Open YouDanMu panel.
2. Click “Unload” to unload Danmaku already loaded.

Changing Danmaku Opacity

1. Open YouDanMu panel.
2. Under “Opacity” option section, drag the value bar to change opacity value, from 0 to 1.
3. All rendering Danmaku should be updated with the new opacity value.



Disabling/Enabling YouDanMu

1. Open YouDanMu panel.
2. There's an iOS style toggle checkbox button on the right of the panel title "YouDanMu". Click on it.
3. YouDanMu extension is temporarily disabled, all rendering Danmaku should be cleared, and the YouDanMu panel should enters disabled state where features are grayed out.



4. Click on the toggle button again to enable the YouDanMu extension.
5. All previous rendering Danmaku should continue to render. All features should be available again.

Appendix

Since we haven't implemented Danmaku sources matching feature yet, testers have to manually enter Danmaku source URL to load Danmaku. For testing purpose, we provide a set of matching YouTube video and its Danmaku source URL.

Note: While it's not very useful to load non matching Danmaku on YouTube video, our extension doesn't stop you from doing so. Thus testing non matching Danmaku sources is reasonable.

Name	YouTube Video URL	Danmaku Source URL(s)
PPAP	https://youtu.be/HFIgNoUsr4k	https://www.bilibili.com/video/av6856086/
Meidoragon	https://youtu.be/Zz_4hChkOtk	https://www.bilibili.com/video/av8898537/
Marasy	https://youtu.be/8hLkIsnWKrU	https://www.bilibili.com/video/av2915324/ http://www.nicovideo.jp/watch/sm27168394
Labyrinth	https://youtu.be/lXX7dRULFaE	https://www.bilibili.com/video/av511692/ http://www.nicovideo.jp/watch/sm20411721
Baozou	https://youtu.be/J-KVyemdh-c	https://www.bilibili.com/video/av8794430/
Cherry Blossoms	https://youtu.be/jTfzFzY6Gnc	https://www.bilibili.com/video/av734533/ http://www.nicovideo.jp/watch/sm15630734
Bad Apple	https://youtu.be/FtutLA63Cp8	https://www.bilibili.com/video/av706/ http://www.nicovideo.jp/watch/sm8628149

Note: While Nico Nico URLs are provided, we currently only support Bilibili Danmaku source.