

# Analysis of Earthquake Information in Taiwan



## Function

'M' Scale Adjustment

Popup Alarm

TTS



## DATA

CWA Taiwan Weather Bureau  
Official API

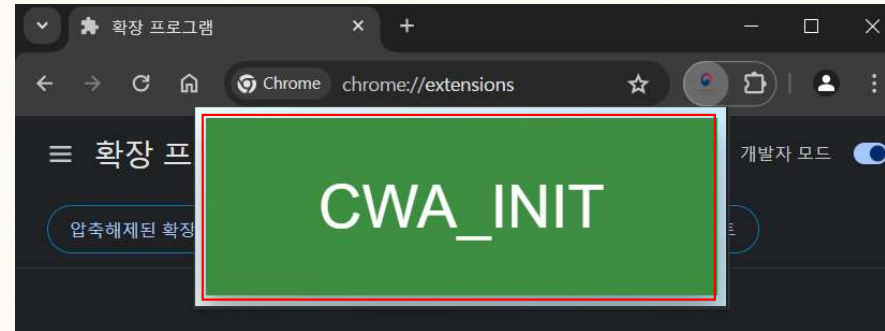
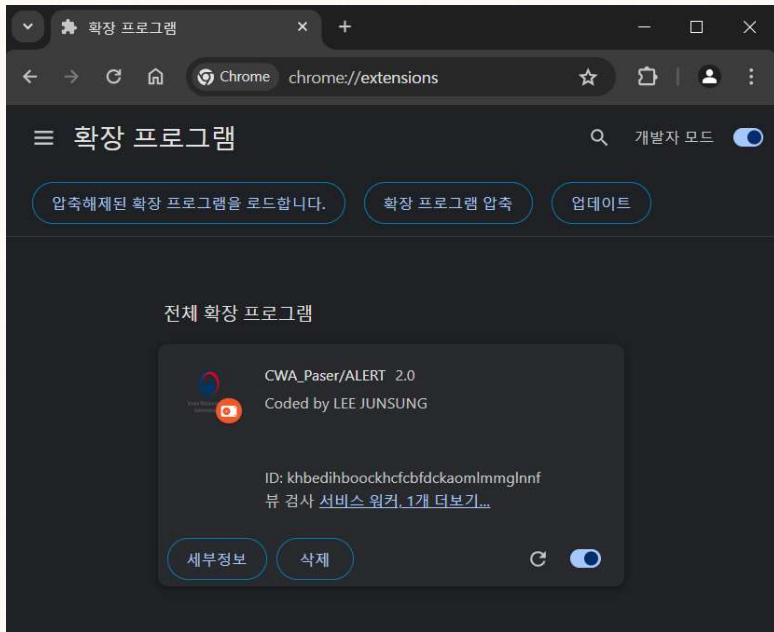
Taiwan Weather Bureau  
Earthquake Homepage Info



## Requirement

- Popup and TTS Notification for Specific Magnitude Earthquakes
- Standalone Usage (Single PC)

Designed to Operate in Chromium-Based Browser Environments

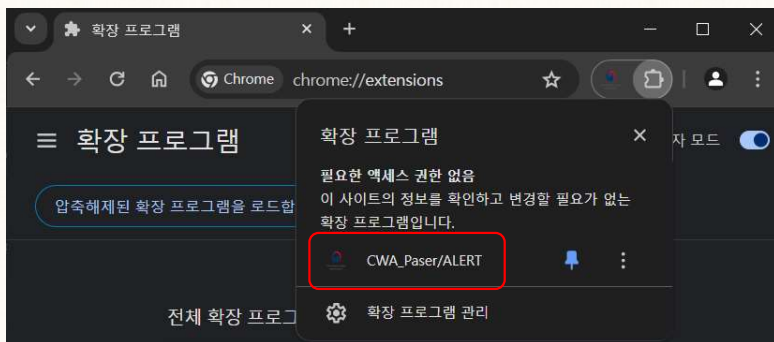


[Easy to Use / Easy to Install]

## Javascript

- Node.js (Server / Backend) [Feature-rich] (**Not suitable for single use**)
- Chrome Extension (Add-on / ?) [Moderately Featured] ✓
- <script></script> (Client / Frontend) [Limited Features (**such as inability to autoplay sound**)]"

대만 지진정보 분석



		
<b>기능</b>	<b>자료</b>	<b>요구사항</b>
규모 조절 팝업 알림 TTS	CWA 대만 기상청 공식 API 대만 기상청 지진 홈페이지	특정 규모 지진 발생 시 팝업 및 TTS 알림 단독 사용 (PC1대)

This project is suitable for Chrome Extension

## Alarm

!CWA\_ALERT!

[num]  
 발생시각: 2024년 5월 8일 오후 5시 40분 43초 KST  
 진앙지: Central Weather Administration, Taiwan  
 규모: **ML4.7**  
 진원깊이: 5km  
 위도,경도: [23.75,121.58]

CWA EARTHQUAKE REPORT  
 Earthquake No.: 113377  
 Origin time (Taiwan Standard Time: GMT+8):  
 5/ 8/2024 16:40:43.6  
 Epicenter: 23.75°N, 121.58°E,  
 i.e. 27.3 km S of Hualien County Hall  
 Focal depth: 5.0 km  
 Magnitude (ML): 4.7  
 Local Largest Intensity:  
 Hualien County 4  
 Nantou County 2  
 Taichung City 2  
 Taichung County 1  
 Yilan County 1  
 Yunlin County 1  
 Changhua County 1

55초 뒤에 창이 닫힙니다

Local 4

Function Buttons and Magnitude Setting Window

Latest Information Summary Reported with Assigned Number [num]

Latest Information Summary Reported without Assigned Number [local]

- When the popup appears, TTS plays, and the notification window automatically closes after 60 seconds.
- Clicking the image allows viewing the original photo.