

Download Panel & Content Handler

Mozilla Firefox

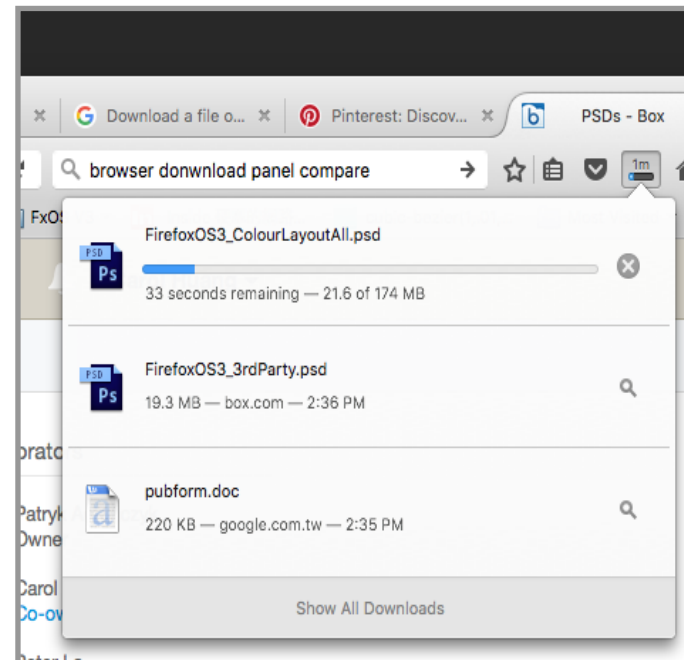
Table of Content

I	Release Notes	1
II	Overview	2
	Download Panel	4
	Content Handler	16

Release Notes

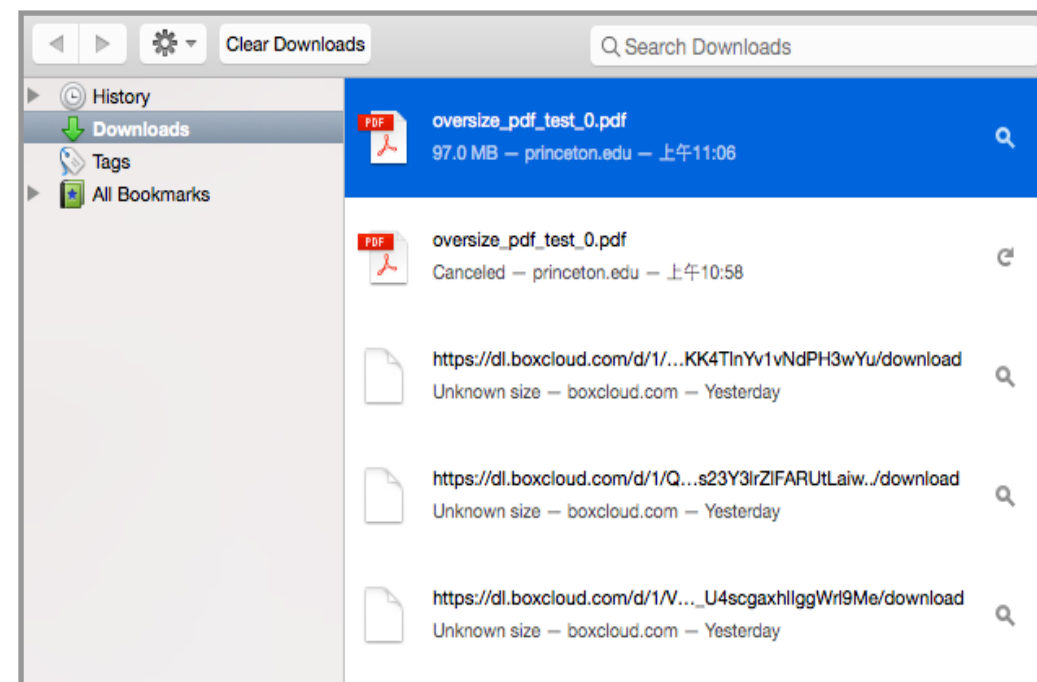
V 0.1	April 08, 2016	Morpheus Chen	Create draft for download panel & content handler
	April 10, 2016	Morpheus Chen, Bryant Mao	Create download flow chart
	April 13, 2016	Morpheus Chen, Bryant Mao	Create hover flow and download icon on toolbar flow
V 0.2	April 16, 2016	Morpheus Chen, Bryant Mao	Update hover flow and add malware, uncommon and unwated
	April 20, 2016	Morpheus Chen, Bryant Mao	Add flow for content handler
	April 26, 2016	Morpheus Chen, Bryant Mao	Update flow for hover state and content handler

OVERVIEW



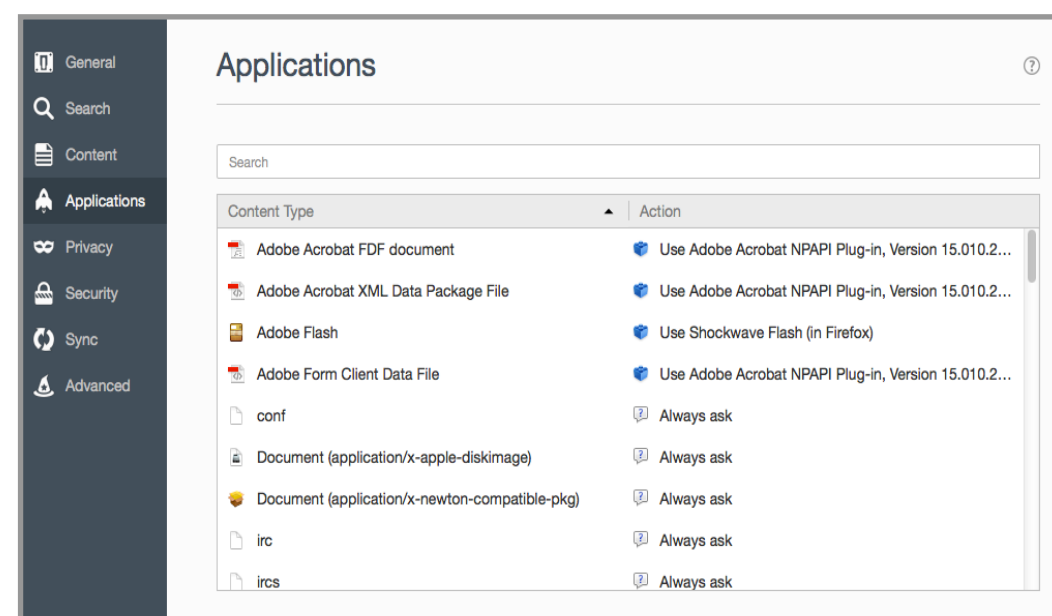
Download panel

The section includes the UX details for download icon on toolbar, download panel and all download status. The design principle is to provide the most important information and useful actions for entire download flow.



Download manager (*Out of Scope*)

The section contains the UX details for download manager. Download manager is another space to provide user not only entire download history but also more actions than download panel.

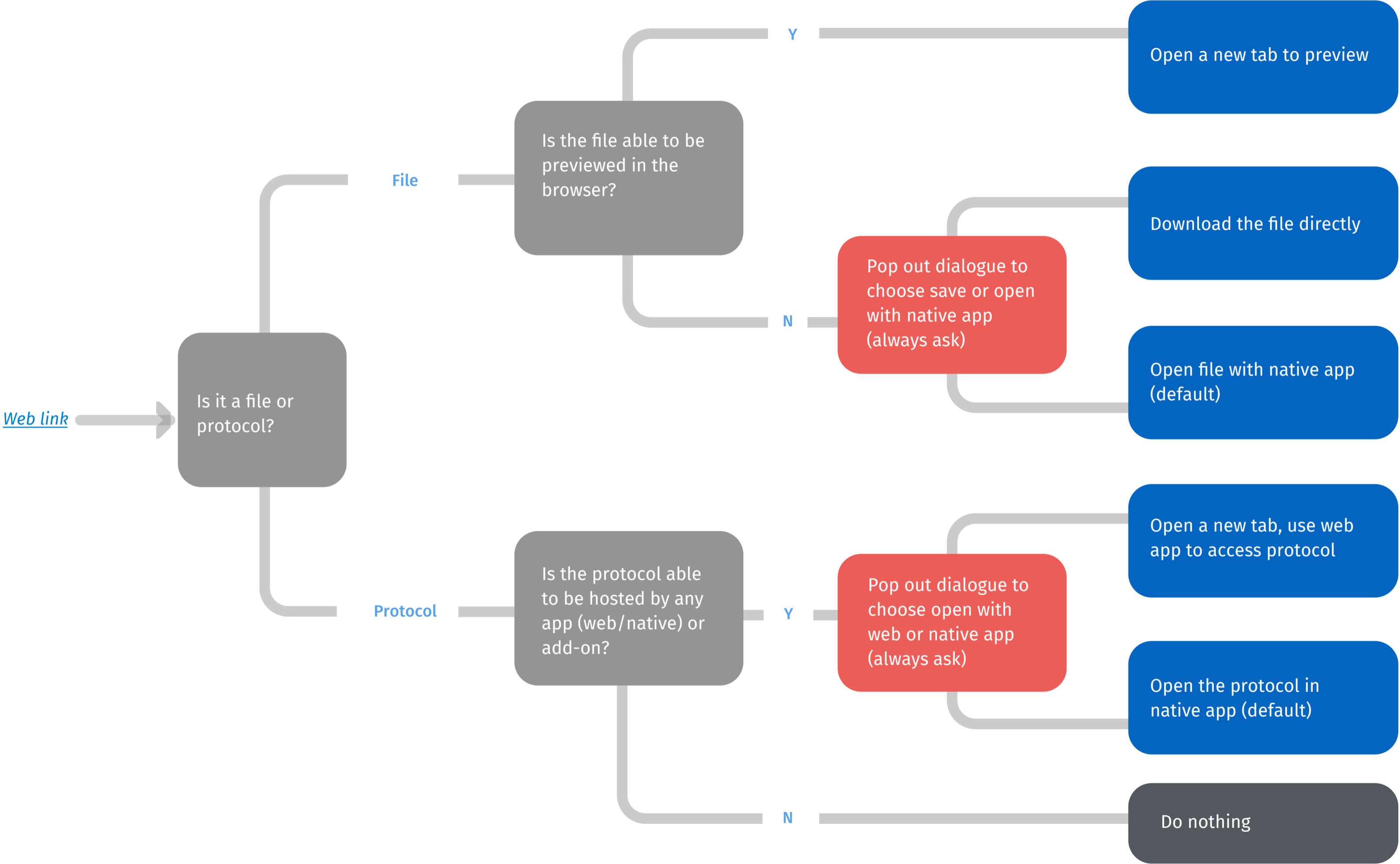


Content handler

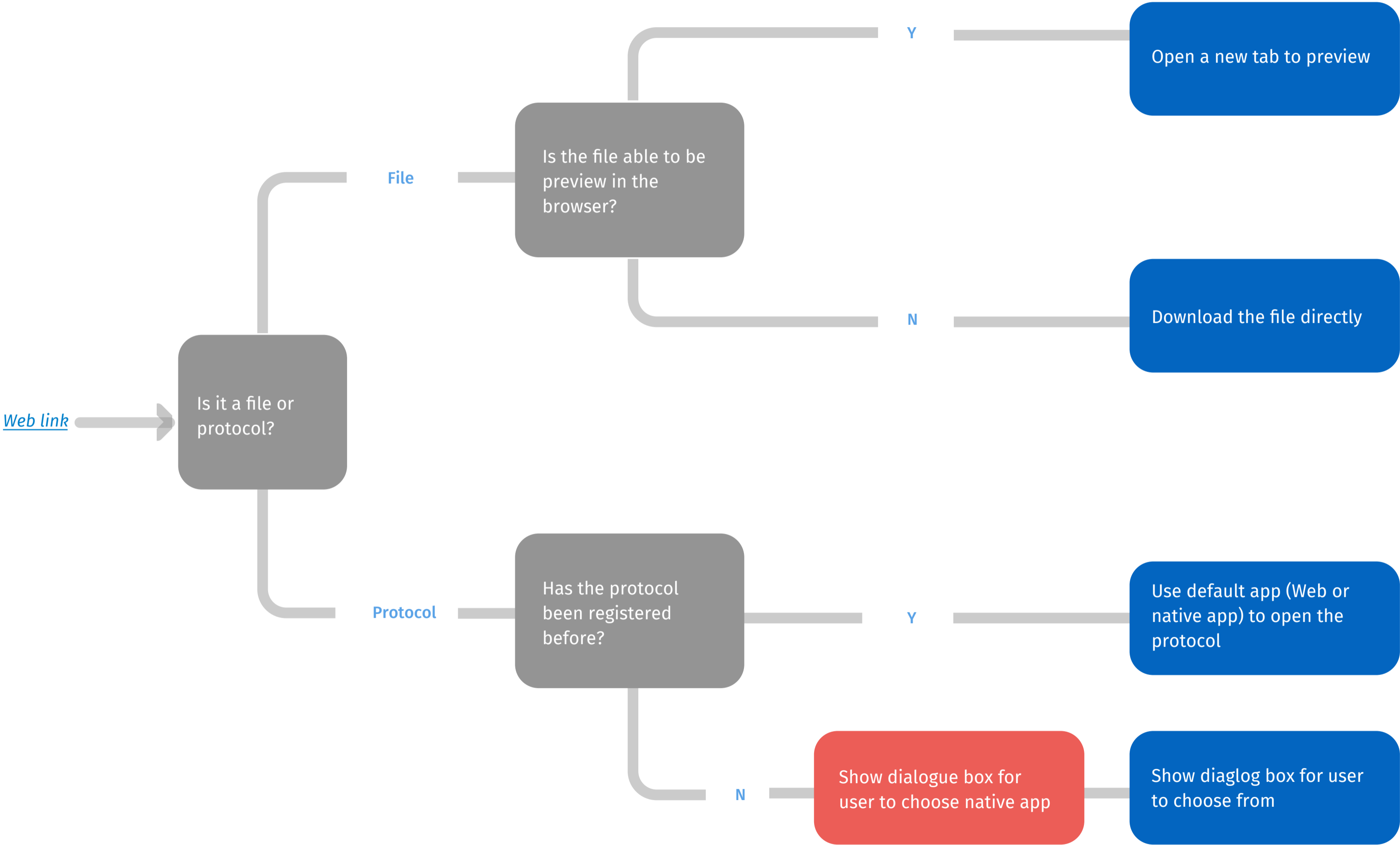
The section includes the UX details for file handlers, protocol handlers and advanced settings. Content handler provides specific configurations for user to control the default settings for different files and protocols.

DOWNLOAD PANEL
(Draft)

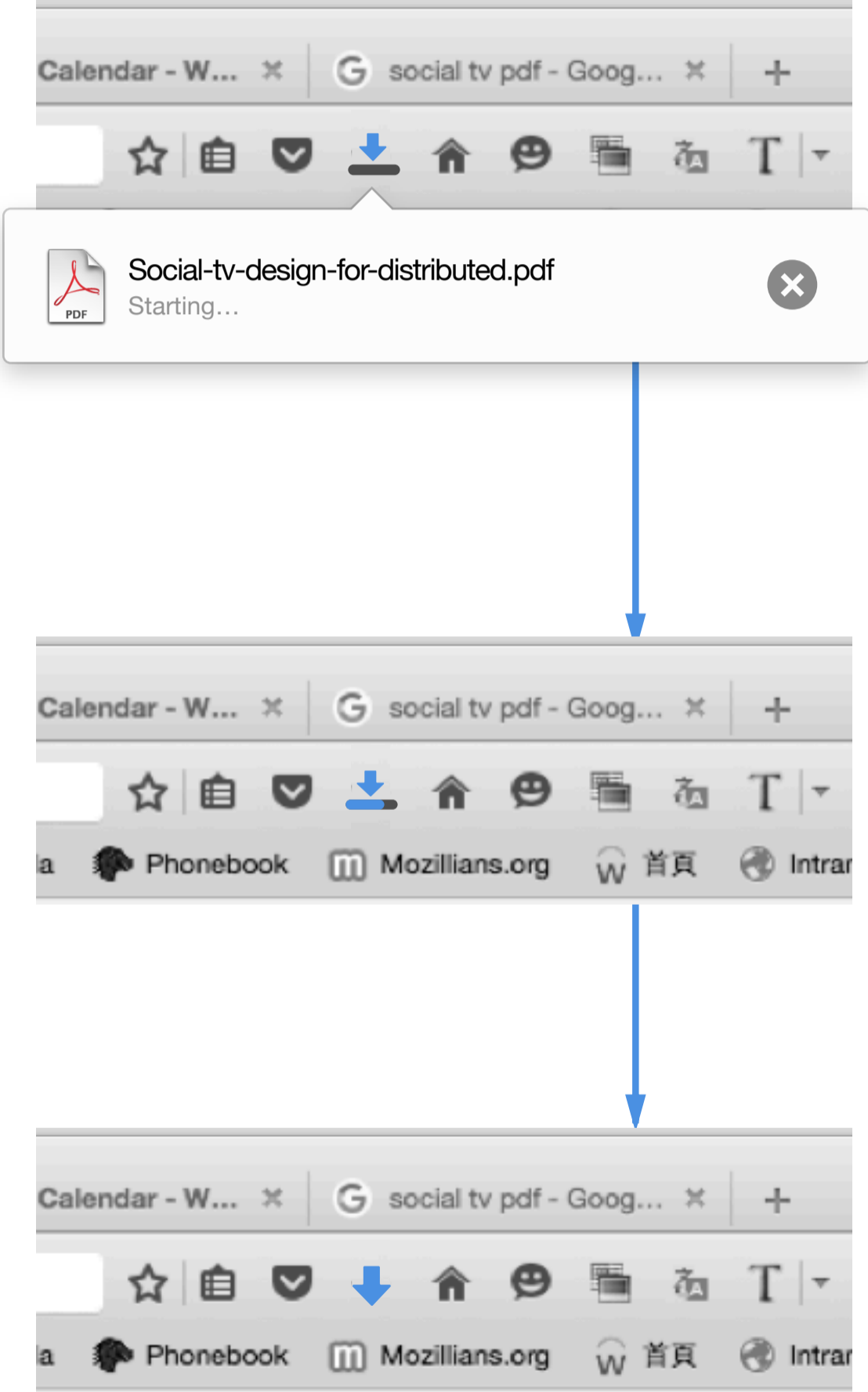
Current Download/ Content Handling Flow



Redesigned Download/ Content Handling Flow



Download Flow on Toolbar



Start Download

- 1. Pop out download notification immediately
- 2. Hide the download notification when user click outside of the notification



Downloading

- 1. While downloading, show progress bar on download icon
- 2. Multiple files downloading, show overall progress

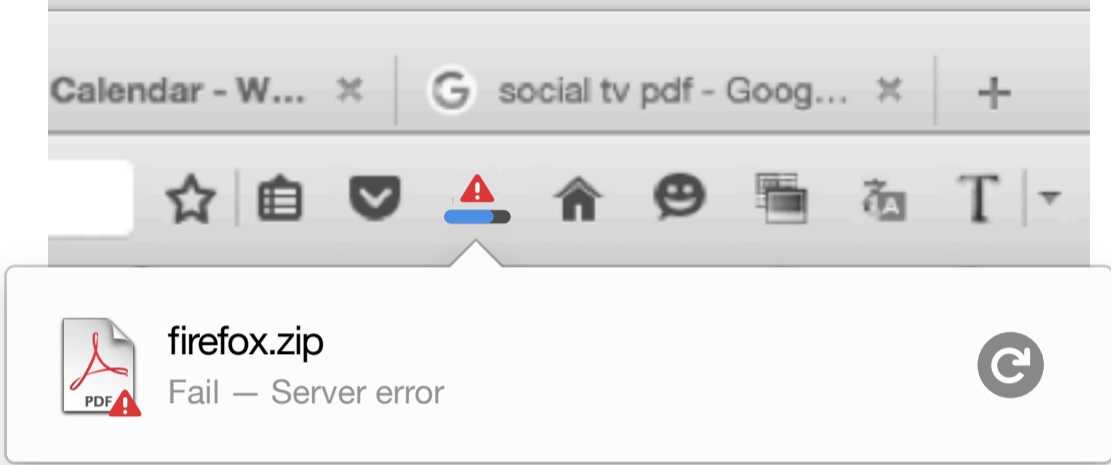


Download Complete

Once there is a download completed, show expanding/flashing transition to notify the user, and keep the progress bar running

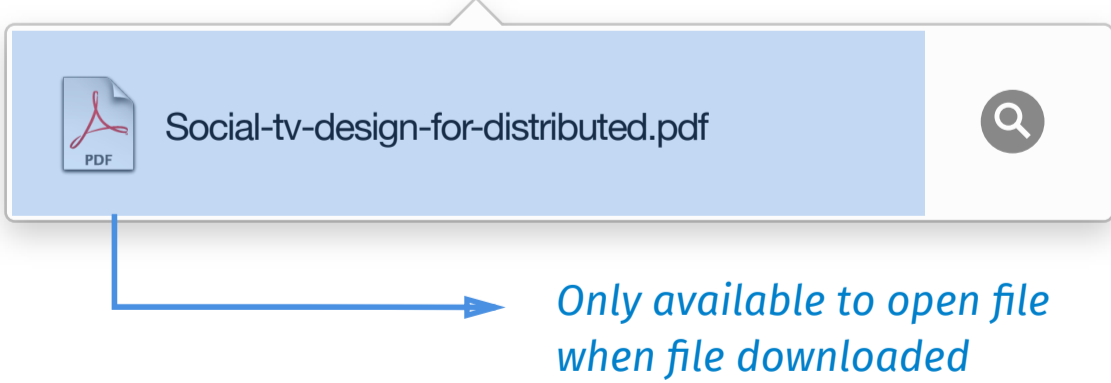
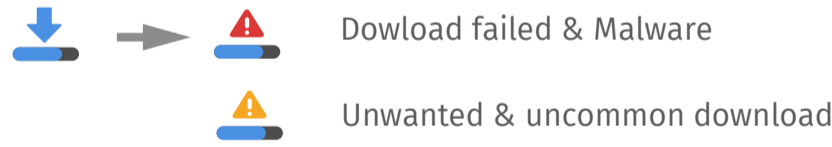


Will click the pop out open download panel?

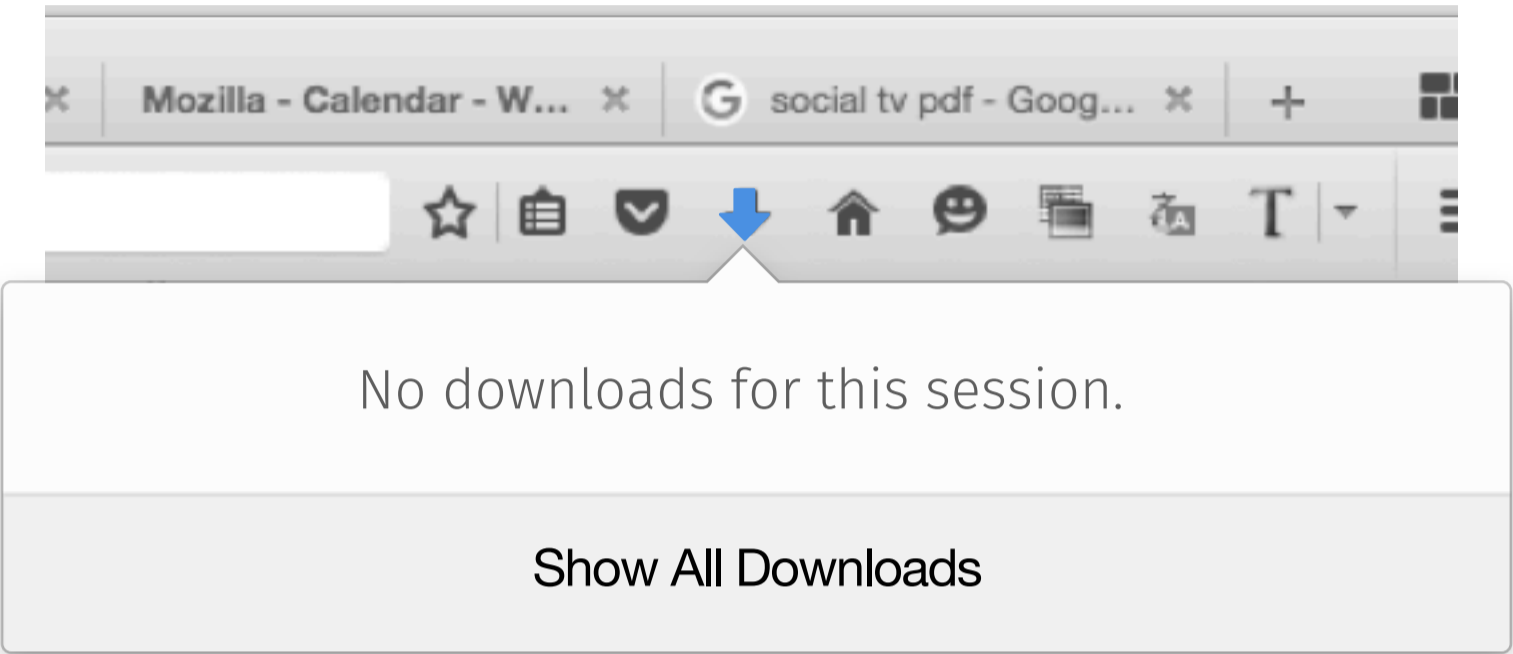


Alert: Failed/ Malware/ Unwanted/ Uncommon

- 1. Pop out download notification immediately
- 2. Hide the download notification when user click outside of the notification
- 3. The alert icon will be back to download when user click on it to find more detail



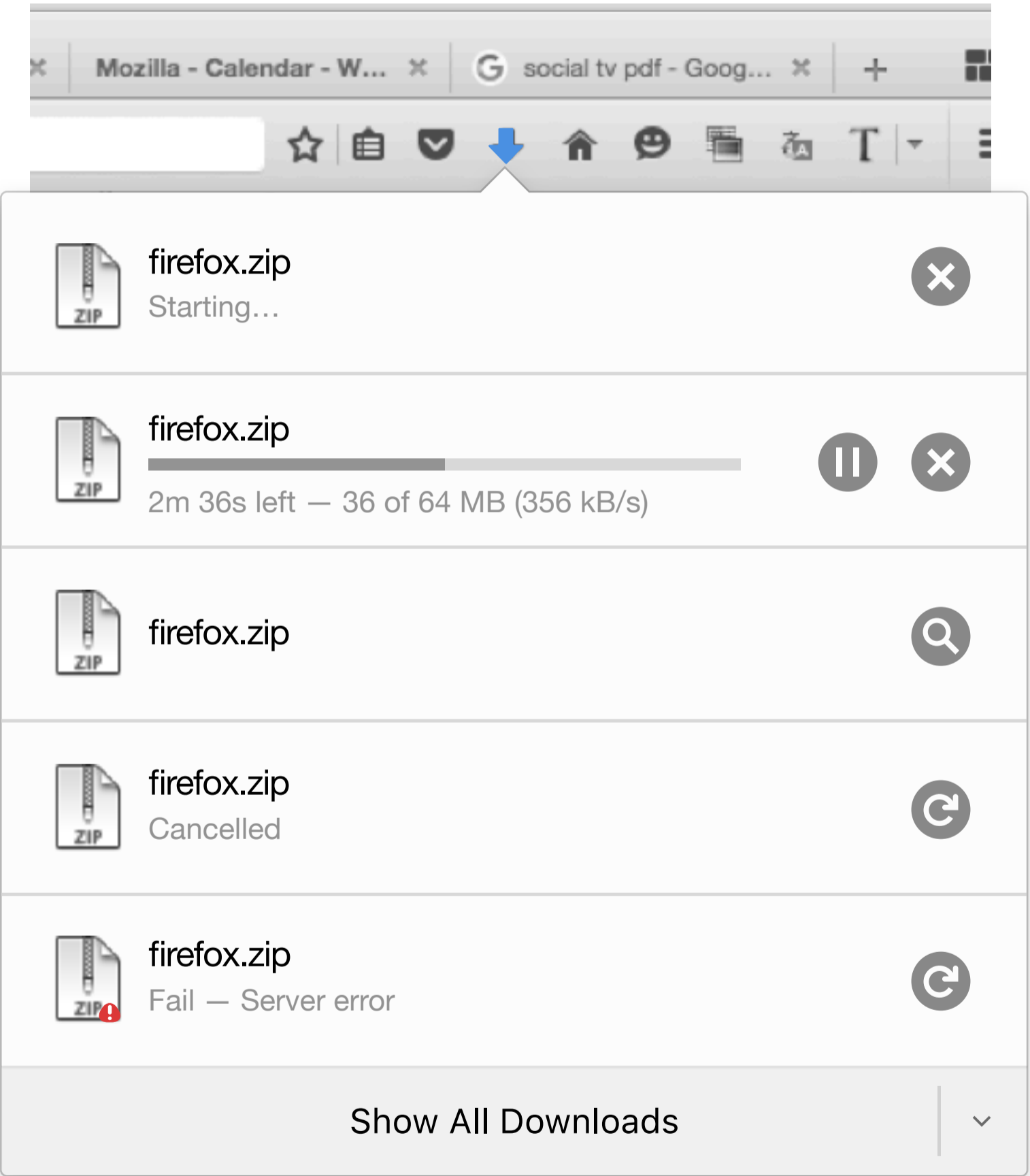
Download Icon on Toolbar



Click Download Icon

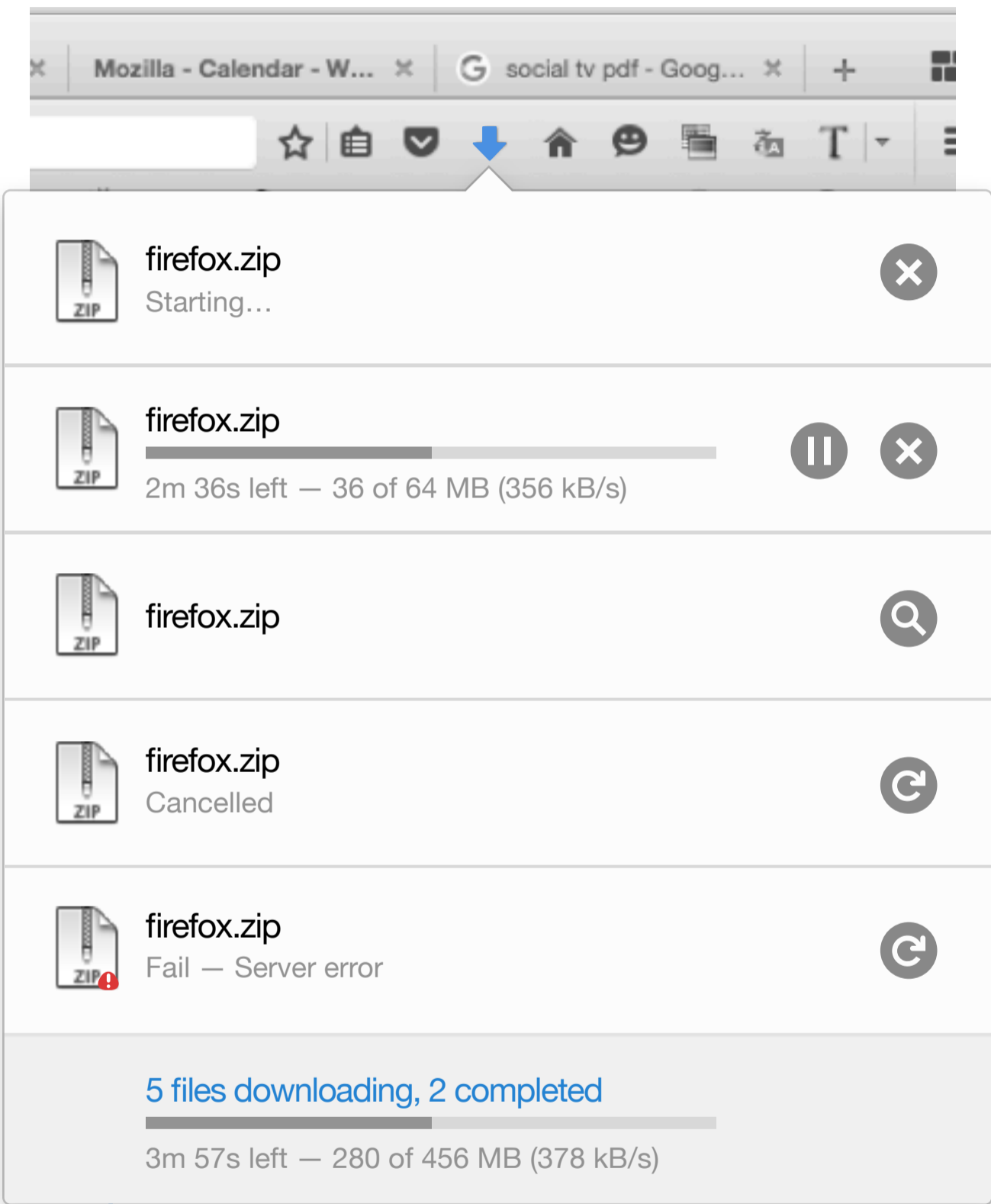
- 1. Show entire download panel
- 2. Hide if user click outside of the download panel

Max numbers of download items displayed at the same time: 5

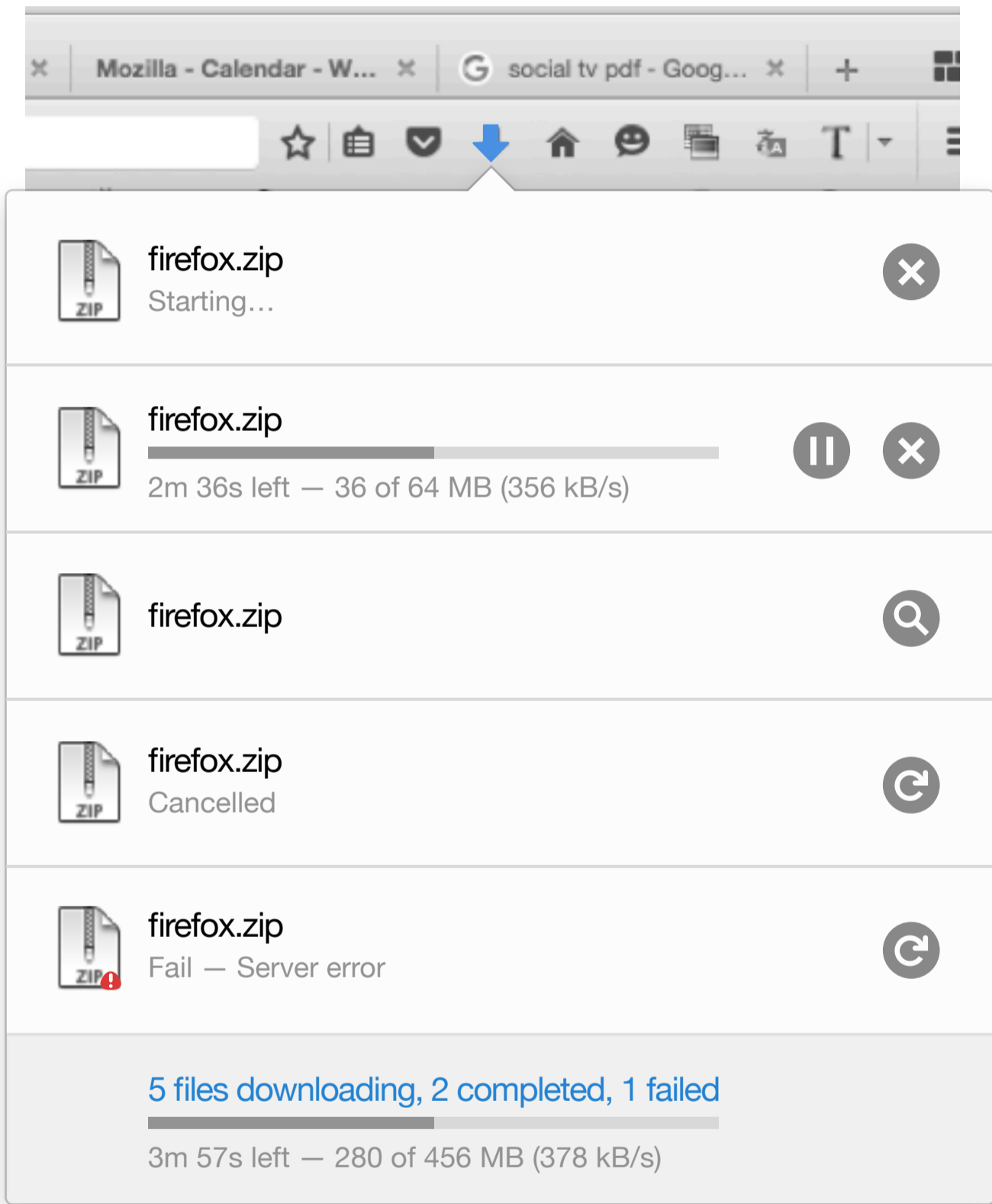


Download Multiple Files

Multiple Files Downloading

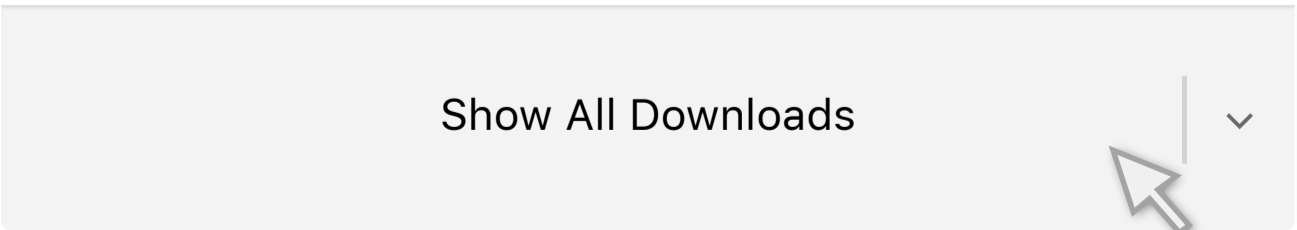


Multiple Files Downloading and failed





1. Only appear when there are 5 items before a downloading file
2. Hide if user click outside of the download panel


When cursor hovers on, show more options






Download Status


 **firefox.zip**
Starting...






 **firefox.zip**
2m 36s left — 36 of 64 MB (356 kB/s)





 **firefox.zip**



 **firefox.zip**
Paused — 36 of 64 MB



 **firefox.zip**
Cancelled



Show All Downloads

▼

Download starting











Download pause

Download cancel

Download complete

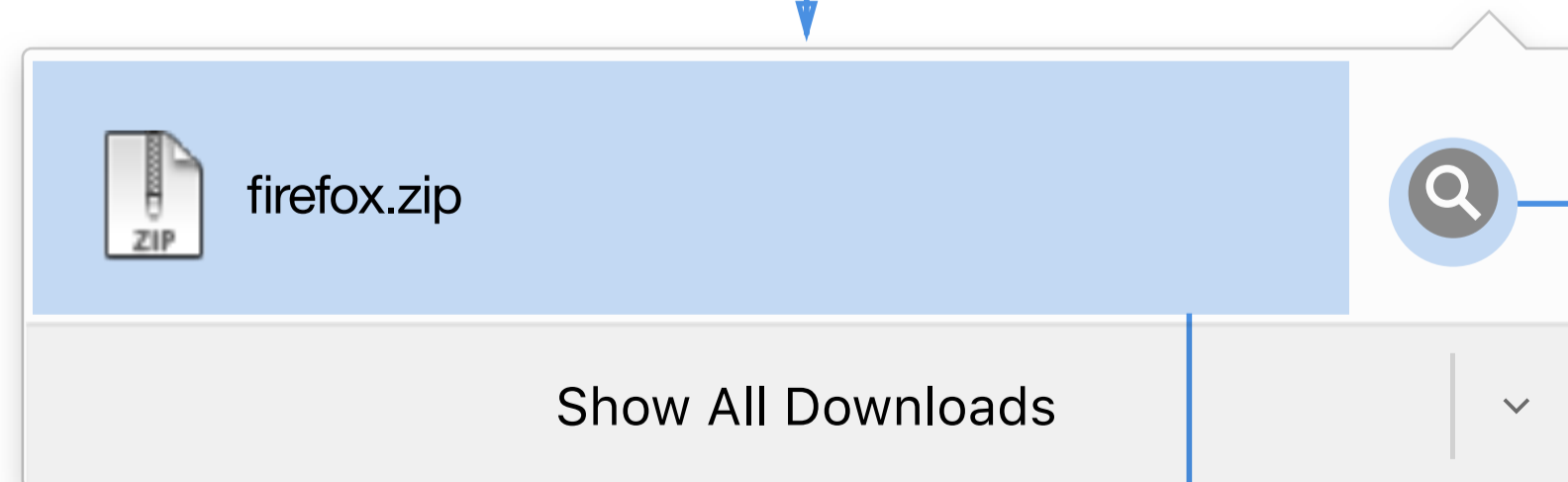
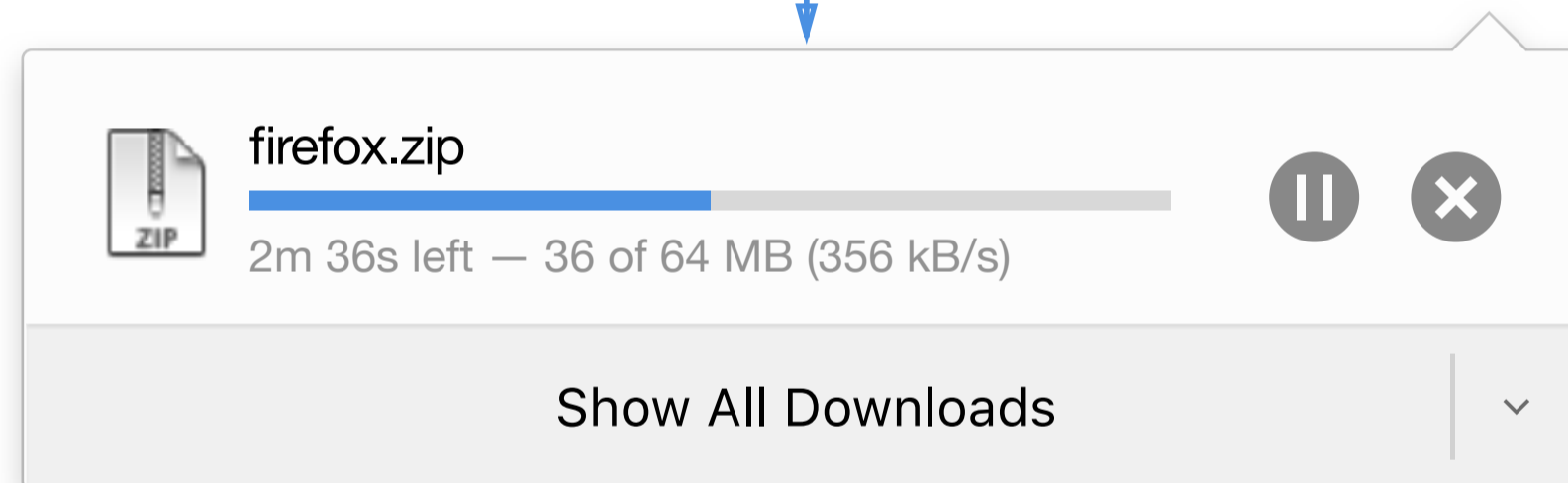
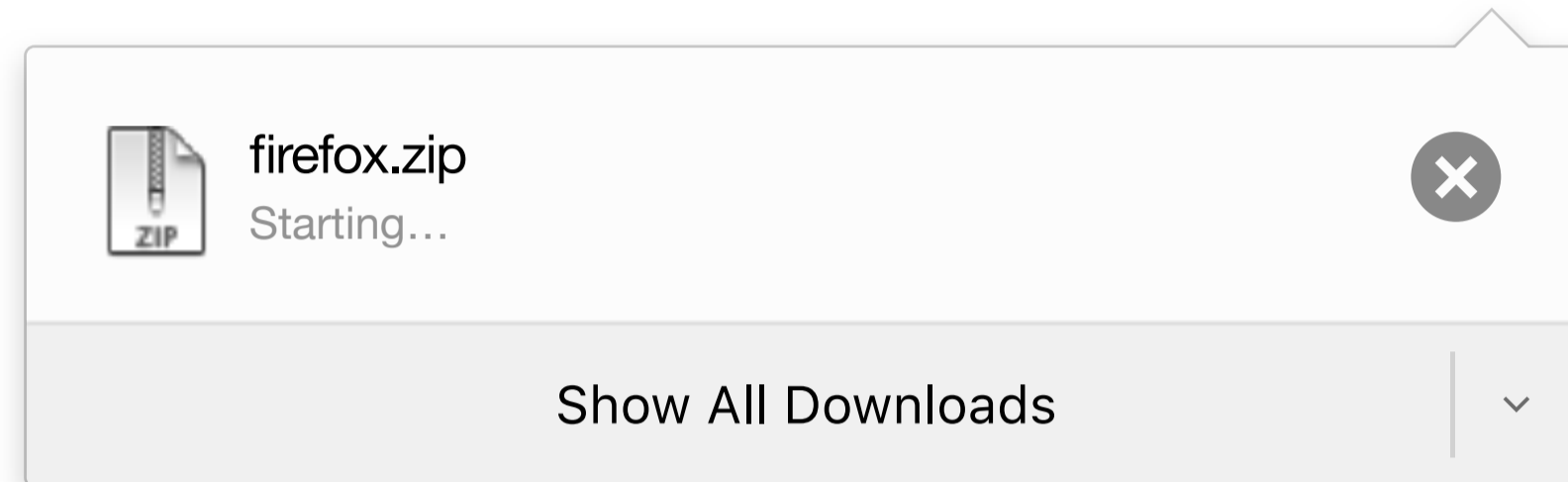
Downloading

Download Status- Alert

	firefox.zip Failed — Server error		Download failed
	malware.zip This file will harm your computer		Malware
	uncommon download.zip This file is not commonly downloaded		Uncommon download
	unwanted download.zip This file may harm your computer		Unwated download
	firefox.zip File moved or missing		Download deleted
Show All Downloads			▼

Start Download & Complete

[Web link](#)



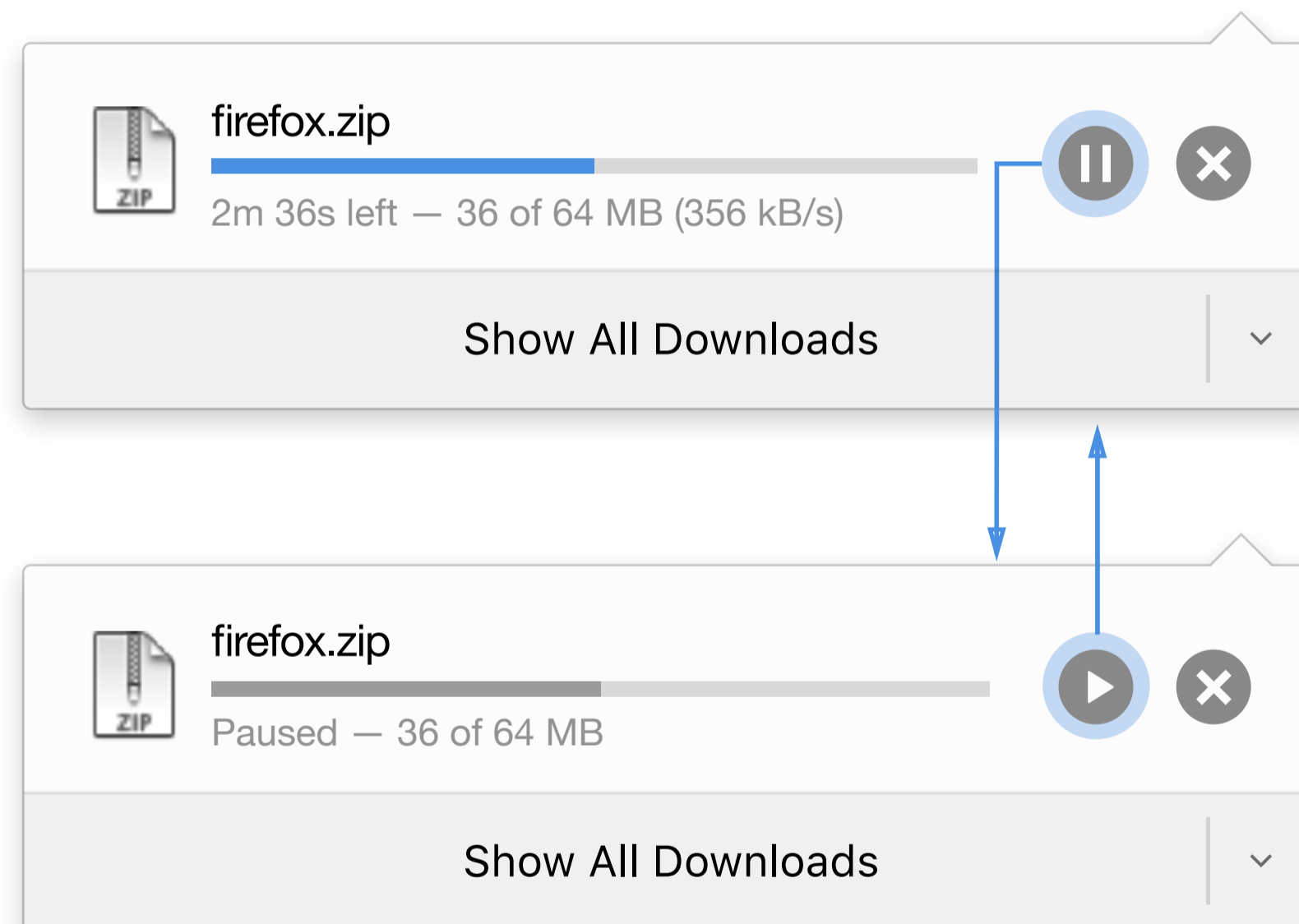
[View in Finder](#)



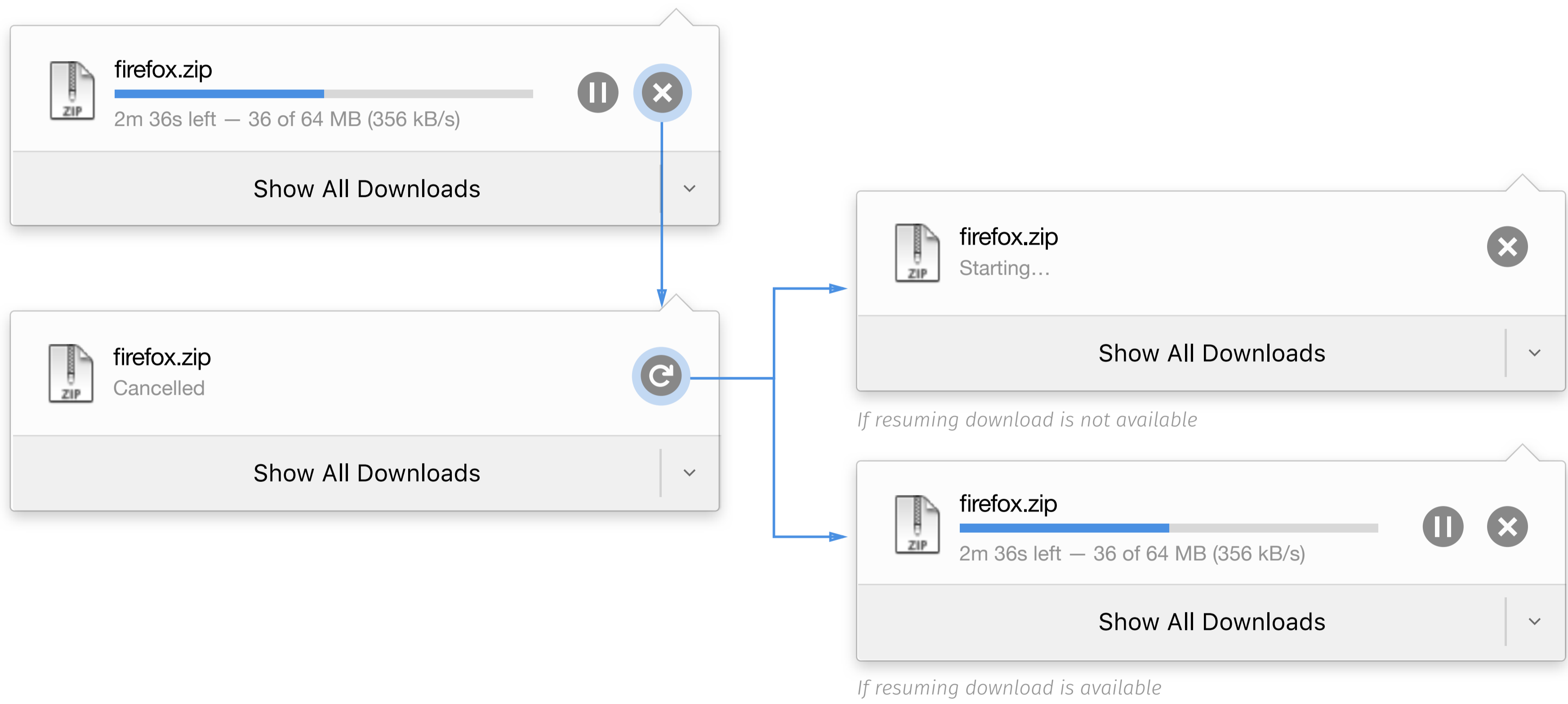
[Open file with default app](#)

Pause & Resume

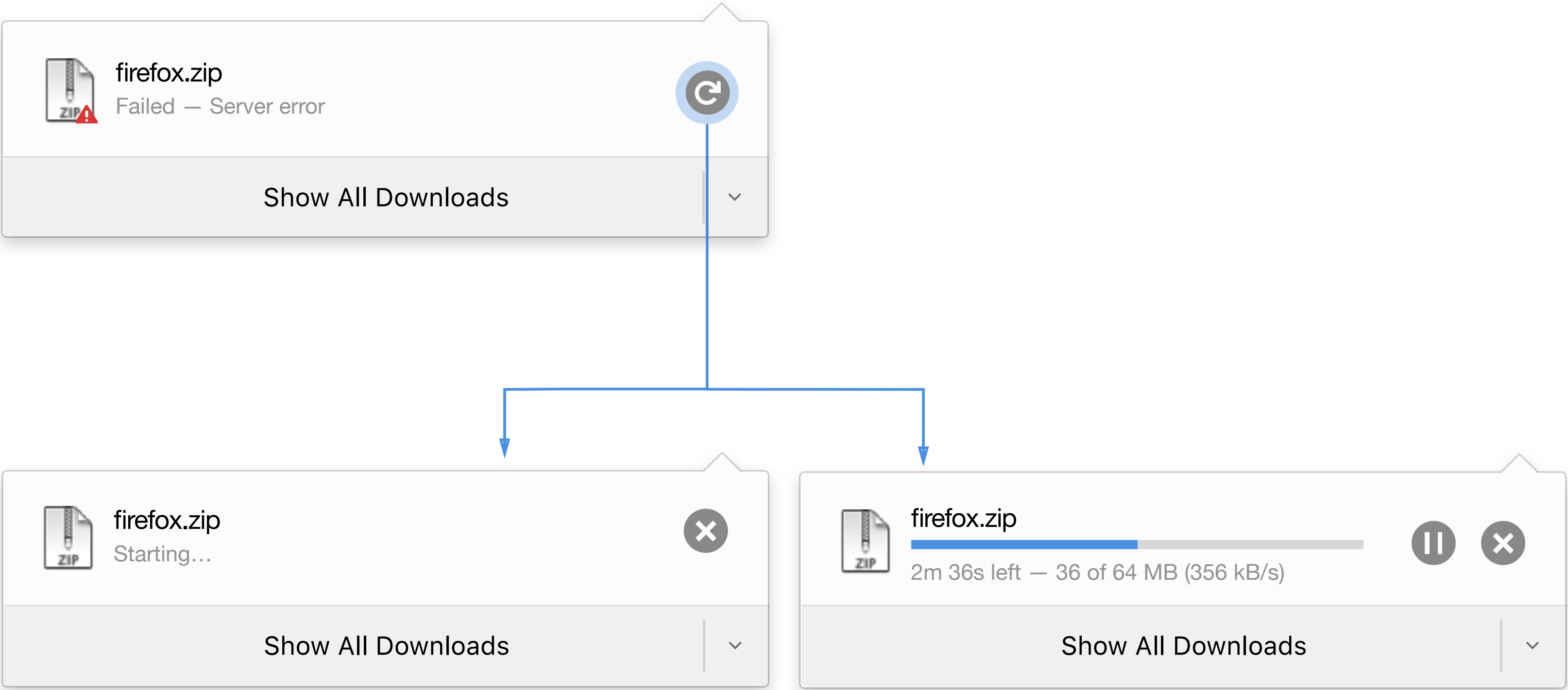
If website support pause/resume



Cancel & Restart



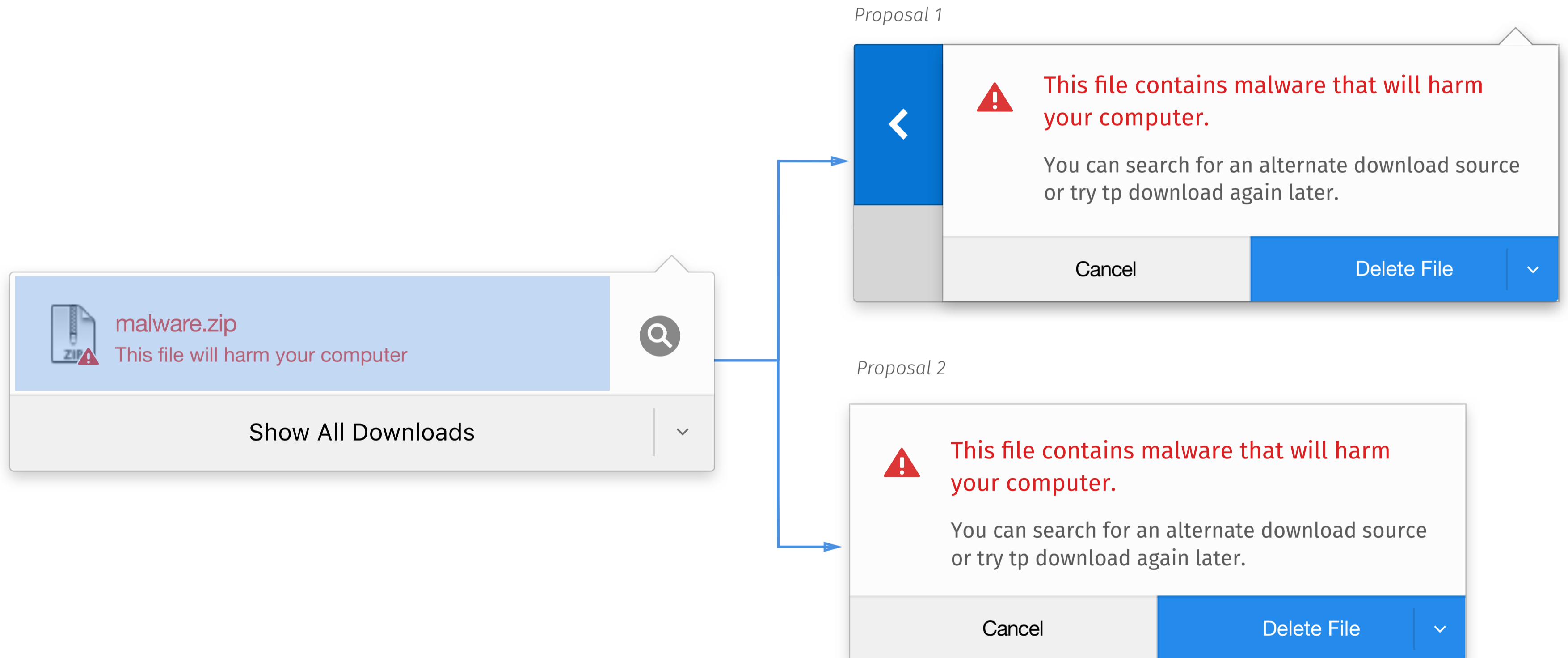
Fail & Restart



If resuming download is not available

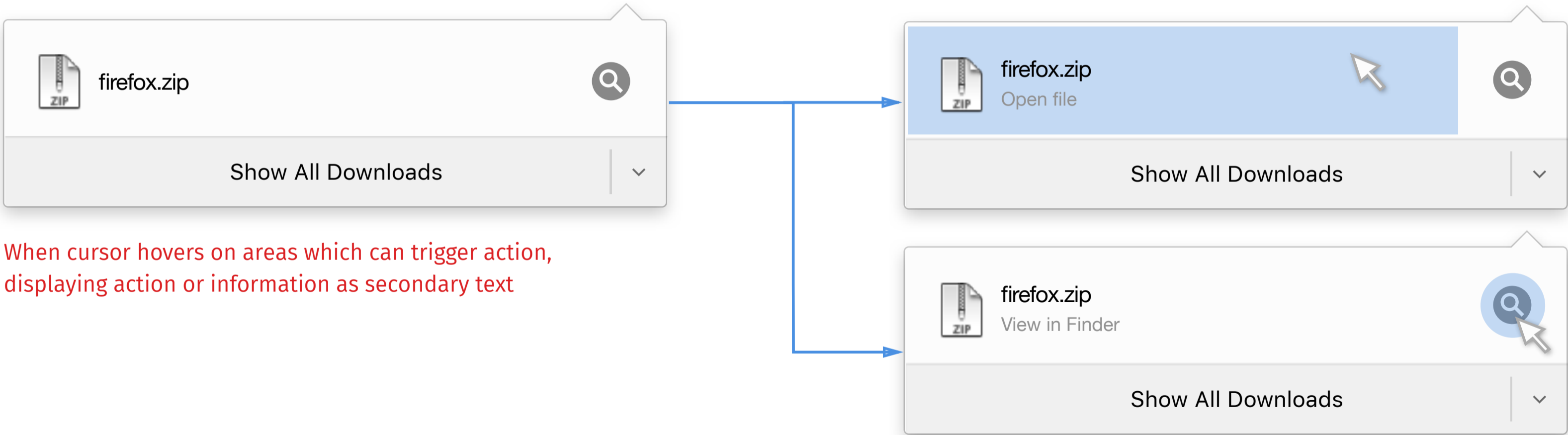
If resuming download is available

Malware




Uncommon and Unwatnted download


Hover for More






When cursor hovers on areas which can trigger action, displaying action or information as secondary text


Hover List


 **firefox.zip**
Starting...





 **firefox.zip**
2m 36s left — 36 of 64 MB (356 kB/s)





 **firefox.zip**





 **firefox.zip**
Cancelled





 **firefox.zip**
Failed — Server error





 **Malware.zip**
This file will harm your computer





 **Uncommon download.zip**
This file is not commonly downloaded






 **Unwanted download.zip**
This file may harm your computer





 **firefox.zip**
Open when done





 **firefox.zip**
Open when down





 **firefox.zip**
Open file





 **firefox.zip**
Cancelled at 1:35 pm — mozilla.com





 **firefox.zip**
Failed at 1:35 pm — mozilla.com





 **Malware.zip**
Show more information



 **Uncommon download.zip**
Show more information



 **Unwanted download.zip**
Show more information



Hover on button

Cancel download

Pause download/ Cancel download

Cancel download

View in Finder

Restart download

Restart download

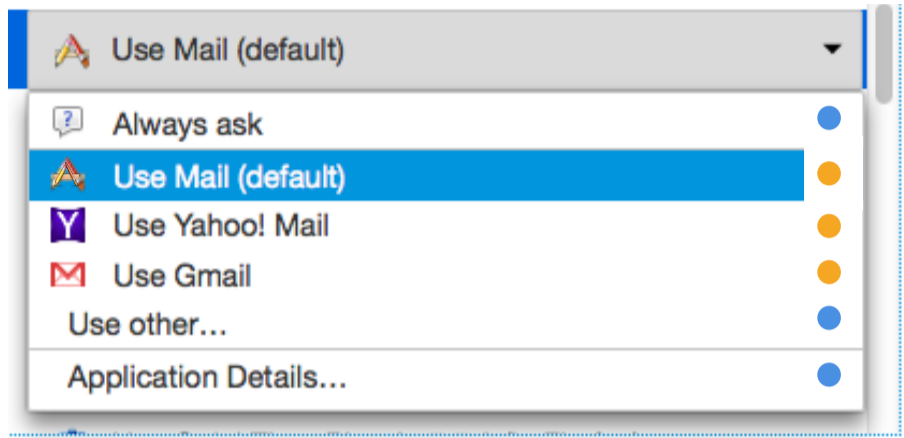
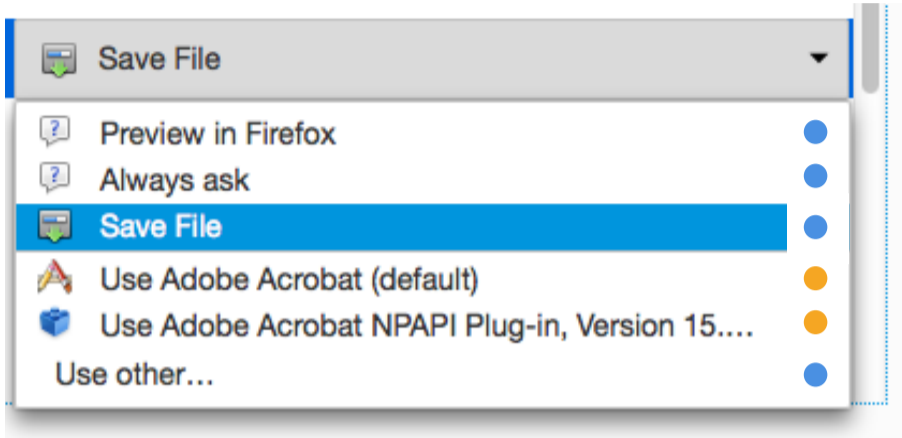
View in Finder

View in Finder

CONTENT HANDLER

(Draft)

Current Design/Redesign Content Handling

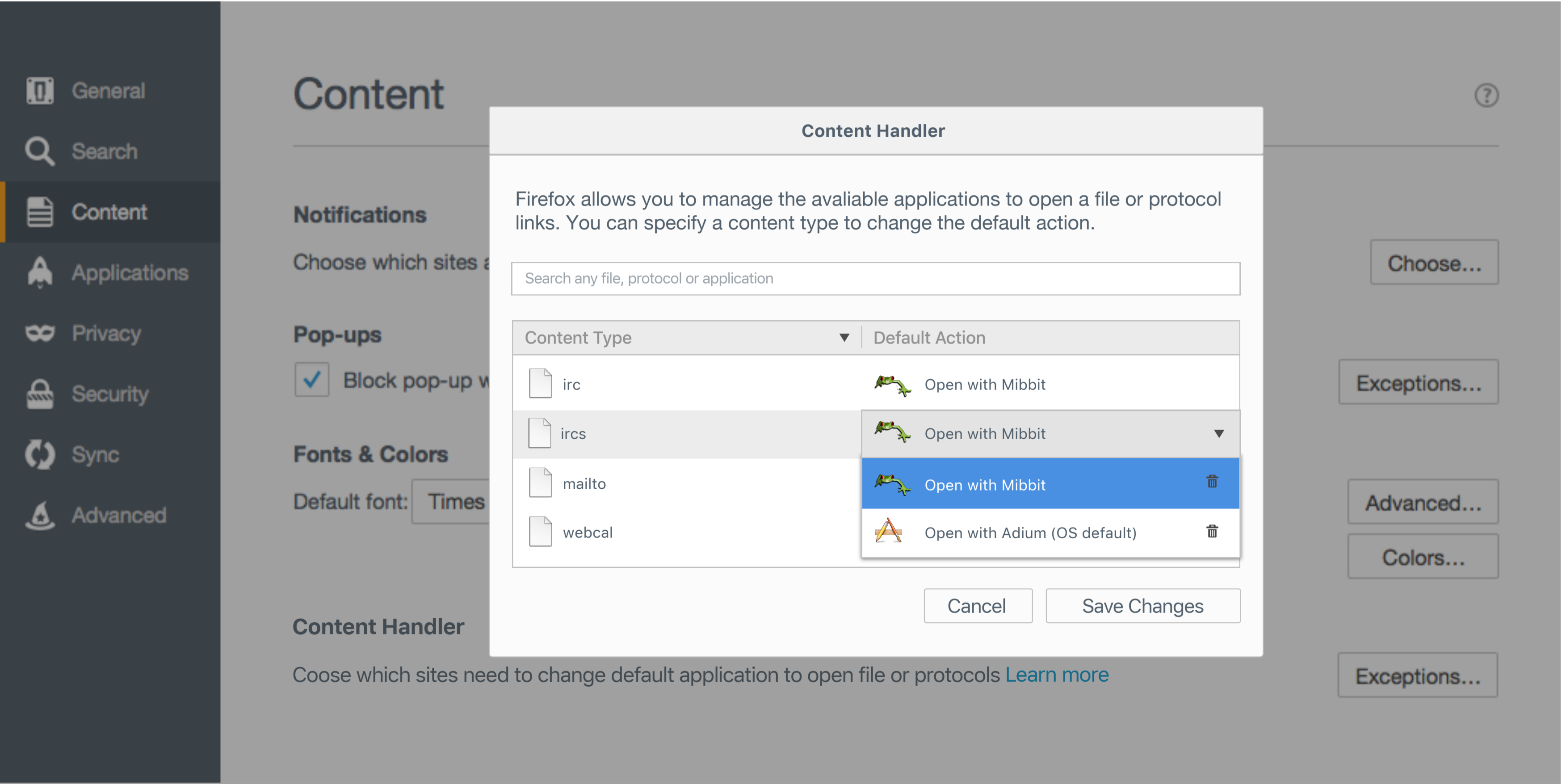


	File	Protocol	
Current Design	Preview in Firefox		
	Always ask	Always ask	
	Save File		
	Use other (Native app)	Use other (Native app)	
	Use webapp	Use webapp	
	Use plug-in	Use plug-in	
	Use Native app	Use Native app	
		Application Details	
Redesigned	Use webapp	Use webapp	
	Use plug-in	Use plug-in	
	Use Native app	Use Native app	

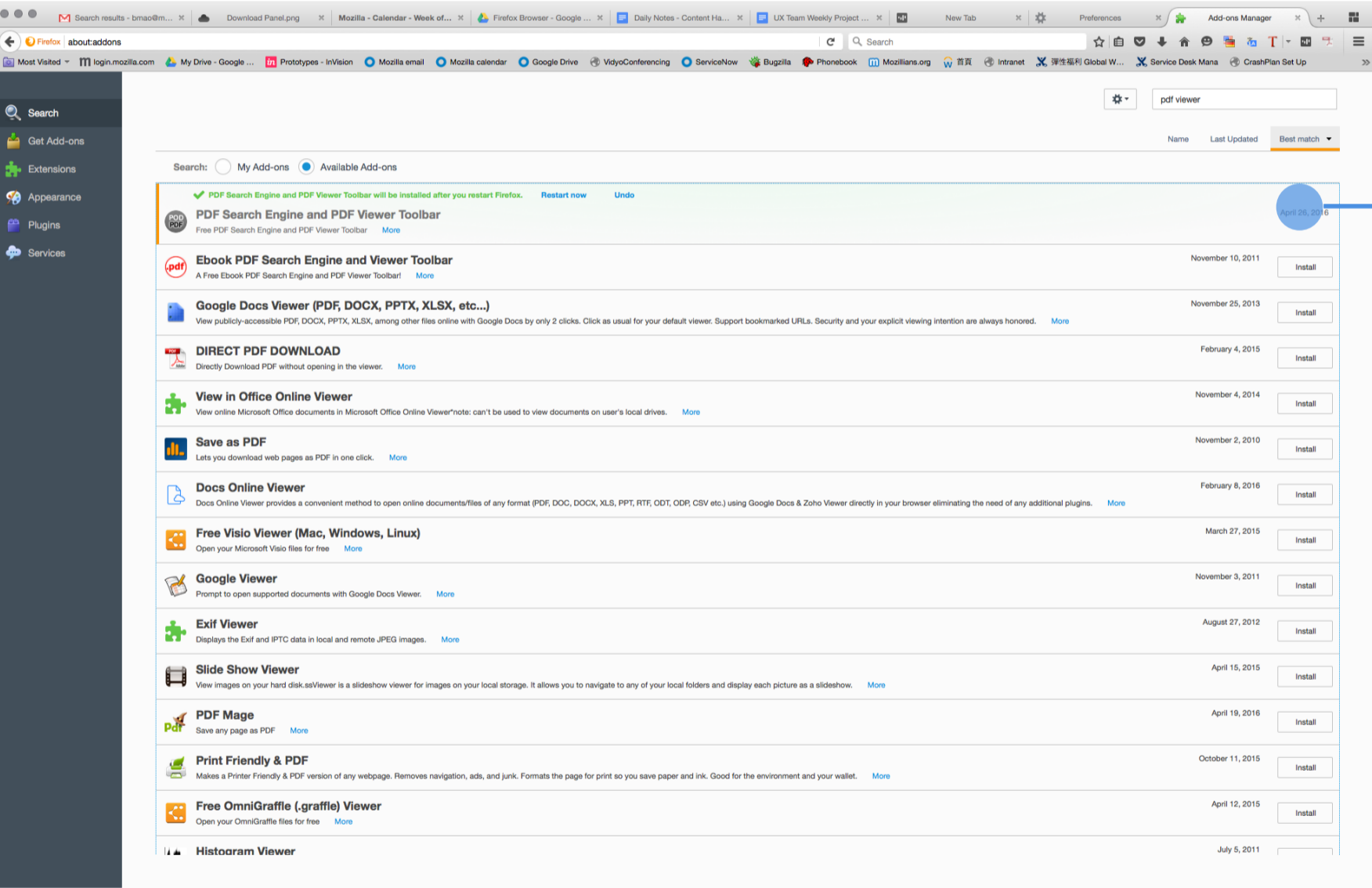
Action + Application
Show user various options and mix them together

Application
Only provide user applications as option to open file/protocol

Redesigned Content Handling



File Registration



Content Handler

Firefox allows you to manage the available applications to open a file or protocol links. You can specify a websites or application to change the default action.

Type any protocol, file or application

Content Type	Default Action
ircs	Open with Mibbit
PDF	Open with PDF viewer
mailto	Open with PDF viewer
webcal	Open with firefox

CancelSave Changes

Install add-on/ plug-in which supports to open a certain type of file

Set the new add-on/plugin as default application to preview file, and register a list in “Content Handler” box

Protocol Registration

