

Native File System Origin Trial Aggregate Report

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<https://bit.ly/2QEhEcV>

One-page overview

This document gives the highlights of the Origin Trial feedback received for the Native File System API Origin Trial.

Summary

The Native File System API implements a useful capability. Signals positive for API shape meeting users' needs. Lots of areas to expand to as well.

Team

storage-dev@chromium.org

Bug

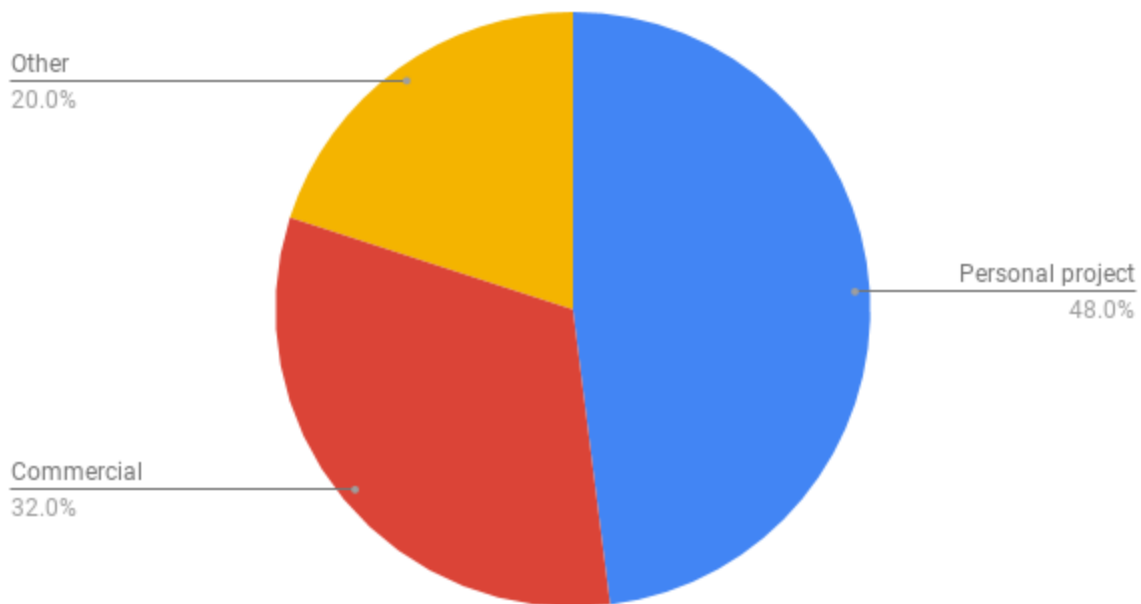
<https://crbug.com/924394>

Quantitative Analysis

Project Type

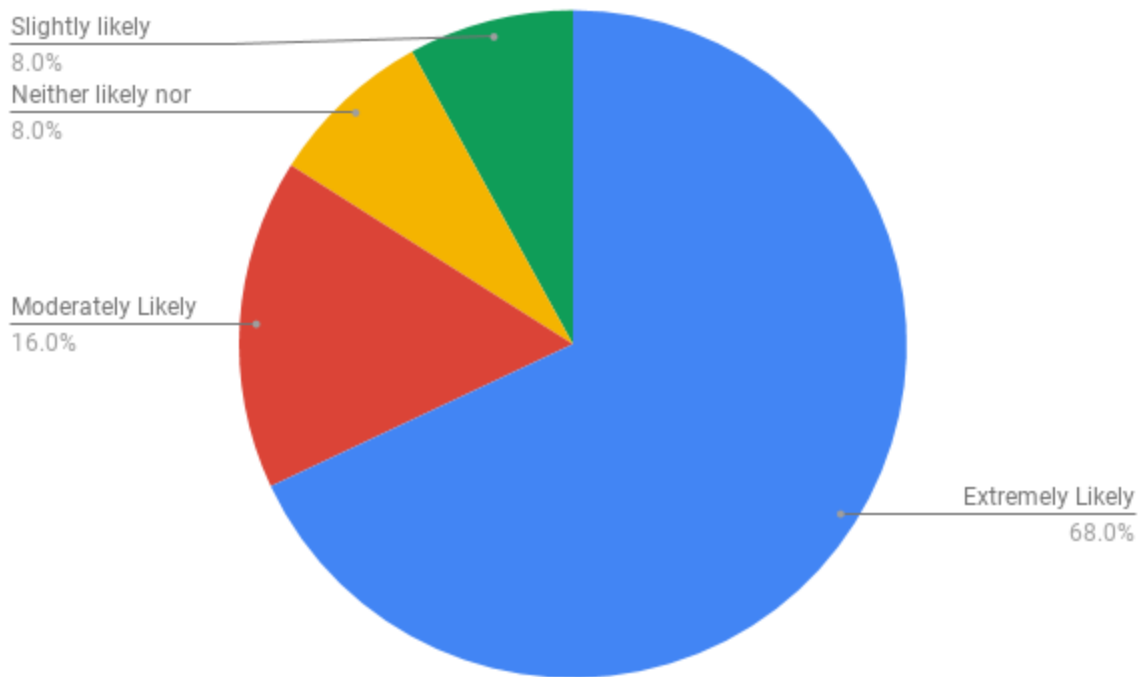
The most prevalent project type was “Personal Project”, followed by “Commercial”.

Project Type



Likelihood to keep using

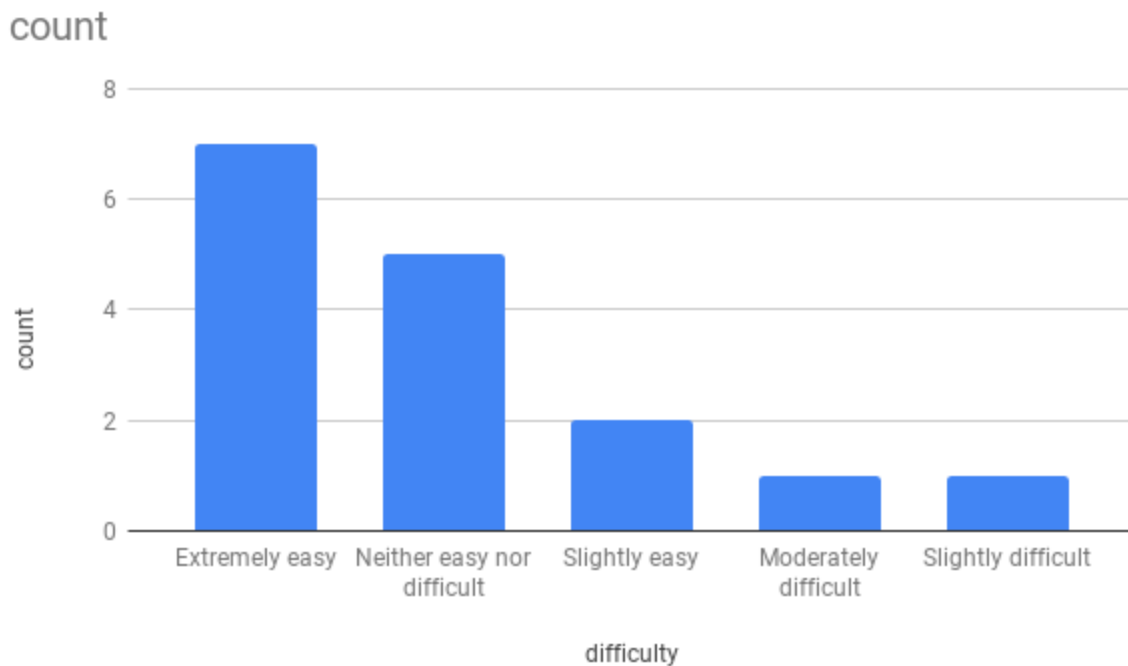
The likelihood to keep using the API is high. All the signals received are positive, and the biggest sentiment is “Extremely Likely”.



API Shape feedback

The API users generally had no problem using the API. The two biggest buckets for difficulty were “Extremely Easy” and “Neither easy nor difficult”.

It does indicate that the API shape is fairly well suited for the responders’ use-cases.



Caveats

Survivorship Bias

The sample size was small. We've had feedback submissions from the Origin Trial renewal form, which introduces survivorship bias.

Sample Size

We've had 25 submissions for renewal, which is a low number for statistical significance.

Qualitative Analysis

Applications

Here's a sample of the application types

- File Viewer
- Visual Editor
- Animation Tool
- Video Analyzer

- CRM backup
- Diagram to Code
- Font Converter
- Visual Programming IDE

It is a fairly diverse set that, for most, were not possible without this API.

Unmet needs

Thankfully, our users have been vocal in what they want out of this API.

Wants	Count	In upcoming OT
Persistence	4	✓
File Path	2	
Reduce Prompts	2	
Filepicker location	2	✓
File handling	1	✓(separate OT)
Drag and drop	1	
name collision avoidance	1	
Filepicker filter	1	
Filepicker default name/ext	1	
Seek/Append	1	✓

Persistence of some sort for handles is the highest requested additional capability.

The next broad category is filepicker control improvements:

- choosing the default location for opening files
- Filtering file by mime-type or regular expression for opening files
- A default name or extension when saving files

Other requested features are: reducing the number of prompts, the file handle providing the path on disk or a virtual path, seeking/append to files.

File Handling has its own upcoming Origin Trial. The spec work is done [on github](#).

We will follow up with a second Origin Trial. The table above marks the features that we intend to test in a second Origin Trial.