



Challenges & *Approaches*

taken with the **Opera Extension Docs**



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Cake or Death?

EASY
VS
HARD

EASY OPTION

VS

EASY OPTION

HARD OPTION

VS

HARD OPTION

THE CHROMIUM SWITCH

Our extensions platform switched to
accommodate *chrome.** APIs

HOW TO IMPROVE
UPON AN
ALREADY GREAT
PRODUCT?

OPERA EXTENSIONS

Our approach

WHAT NEEDED TO BE COMMUNICATED

Our *architecture* | Opera Extension *APIs* |
Opera *Addons Store*

WHAT NEEDED TO BE COMMUNICATED

Our *architecture* | Opera Extension *APIs* |
Opera *Addons Store*

+

All extension APIs, Tutorials, Ways to do stuff

AIMS OF THE DOCUMENTATION

Easy to understand | Explains **common uses cases**

SO, WHAT NOW?

identifying the **scope of improvement**.

WHAT HELPED?

I'm an extension developer myself

WHAT HELPED?

I'm an extension developer myself

Ran into many hurdles trying to understand the platform. Documented the solutions I encountered.

SCOPE OF IMPROVEMENT

- **Unified** architecture explanation
- Easy to follow **tutorials**
- Explaining **common use cases**
- **Simple** sample extensions

FOR EXAMPLE

TABS

- Creating a new tab
- Accessing current tab
- Modifying existing tabs
- Closing, reloading, duplicating tabs

DOWNLOADS

- The DownloadItem type
- Starting a new download
- Searching existing downloads
- Working with download events

MY PROCESS

- Look at **internal/google docs**
- Note down **what is missing / what works**
- Think of **common use cases**
- Make **sample extensions** for those use cases
- **Document issues** I came across
- **Write article** explaining API, common uses cases and sample extension(s) for those use cases

MARKDOWN FOR TUTORIALS
API DOCS IN PLAIN **HTML**
BUILT WITH **JEKYLL**
AVAILABLE ON **GITHUB**

ATTRIBUTION AND LICENSES

ORIGINAL CONTENT

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WHATS THE *RIGHT TYPE* OF
SAMPLE CODE?

WHATS THE *RIGHT KIND* OF
SAMPLE EXTENSION?

FEEDBACK SO FAR

FEEDBACK SO FAR



Martin Tóth
@ezimir



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Hey @andreasbovens and @shwetank!
Thanks for making Opera 15+ extensions
documentation so easy to read!
dev.opera.com/extension-docs...

Reply Retweet Favorite Pocket More



Sheldon Skaggs
@8SheldonS8



Follow

Thanks for all the help @ODevRel with helping
me create my first extension.
addons.opera.com/en/extensions/...

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FEEDBACK SO FAR

- Quite a lot of **emails** and some **twitter mentions**
- Lots of **internal feedback**
- **Relatively few** questions on **Stack Overflow**
- Only **1 external github pull request**, **4 external github issues**

THOUGHTS ON FEEDBACK

- Is this a **good thing or a bad thing**?
- Having **multiple channels** of feedback is **good**
- Most feedback is **not through technical means** (like a github pull request)
- **Abstract scenarios** (is <pie-in-the-sky> possible)?

HOW CAN WE IMPROVE?

- Improving the **navigation**
- Playing with idea of a **boilerplate extension generator**
- **Increasing awareness** of the docs
- **Translations** of the docs
- Tweaking the **tone** of the docs

KEY POINTS FOR ME

- **Empathize**
- Have a greater **insight on your audience**
- Make sample code and extensions **before you write the tutorial.**
- Be as **simple** as possible
- Have **multiple channels for feedback**

CHEERS!

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