

Open Source Programming



Chromium

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My task

<https://code.google.com/p/chromium/issues/detail?id=457697>

- The Chromium project
- A simple cleanup – When using `scoped_vector::push_back`, `scoped_ptr` instances should be passed by invoking method `Pass` instead of passing a raw pointer by invoking method `release`.

Class `scoped_ptr`

- A smart pointer
- Ownership passing, copying not possible
- Eliminates memory leaks and double frees risk

Steps taken to solve the issue

- Get permission from a member of the project to work on the issue
- Study how to contribute to Chromium
- Get the project repository and all dependencies
- Find occurrences of pattern `scoped_ptr::release` and do the substitution
- Compile all targets and run all tests
- Commit changes and make a CL (change list) for review
- Submit the changes after receiving LGTM from the reviewer(s)

I managed to fulfill everything listed above.

- Novice friendly
- Short waiting time to answer/review