



Elixir Cross Referencer – New code browser for C projects

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What is demonstrated

The screenshot shows the Elixir web interface. A dropdown menu for project selection is open, showing 'linux', 'busybox', 'linux', and 'u-boot'. A search bar contains 'request_irq'. A list of versions is visible on the left, with 'v4.13' selected. A file tree is shown on the right, with 'Documentation' selected. A search bar is also present on the right side of the interface.

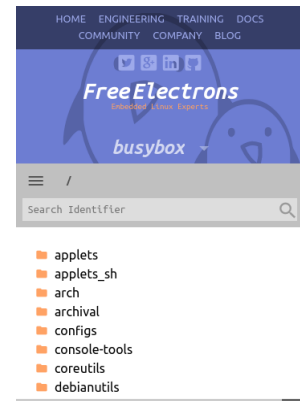
Annotations with red arrows point to:

- Project selection:** The dropdown menu.
- All versions available:** The list of versions on the left.
- Identifier search:** The search bar on the right.
- Source browsing:** The file tree on the right.

What was improved

- Complete rewrite of the old LXR engine
- Perl replaced by Python!
- Works on git repositories
- Easy to index all versions (by tag)
- Indexing done on git blobs (shared between versions). No scaling issue.
- Code copy/paste possible
- Easy to support multiple projects
- Clean split between query back-end and HTML generation front-end
- A new tablet and phone friendly responsive design is proposed.

WANTED:
feedback
and ideas for
upcoming work!



Try it on <https://elixir.free-electrons.com>

Source code

License: AGPLv3

<https://github.com/free-electrons/elixir>