

Oliscience

the new maintainer of OpenCores.org

by

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The problems

- There is no solid definition of gateway and its boundary for FPGAs
- There is a lot of effort duplication especially in our scientific community
- There is no solid metrics to measure the strength of digital designers
- There are business opportunities for companies operating in an open source field applied to gateway for FPGAs

Where to start...

**OpenCores**
www.opencores.org

Welcome back Borga,
Andrea.

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Language:  

部分翻译

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What is OpenCores?

the #1 community within open source hardware IP-cores

OpenCores is the world's largest site/community for development of hardware IP cores as open source.

OpenCores.org host the source code for different digital HW projects (IP-cores, SoC, boards, etc) and support the users with different tools, platforms, forums and other useful information. Please join us!

Registered OpenCores users

**274470**
[OpenCores statistics](#)

Last updated projects

- [Reed Solomon Codec](#)
- [Boost Converter](#)
- [Yet Another Hamming Encoder and Decoder](#)
- [Double Clocked FFT Core](#)
- [Another Wishbone Controlled UART](#)
- [OpenArty](#)
- [Wishbone Scope](#)
- [XuLA2-LX25 SoC](#)



Most popular projects

- [OpenRISC 1000](#)
- [minsoc](#)
- [I2C controller core](#)
- [SPI controller core](#)
- [SPI Master/Slave Interface](#)
- [Alwcpu - A light weight CPU](#)
- [SPI Verilog Master & Slave modules](#)
- [openGFX430](#)



Projects


Browse all Projects (Cores)

Forum


Communicate in the forums

WebShop


Visit our Webshop

Professional support



Professional support for OpenCores technology based products.

If you plan to use IPs from OpenCores in your next design and need support, please contact ORSoC AB. They are experts in SoC design based on the OpenCores technology and have extensive experience all parts of FPGA/ASIC development.

Please contact [ORSoC](#) for further information.

News

OpenCores.org

- A portal that since 2003 collected >250.000 professionals in the field of gateware IPs
- Generates ~500.000 views per month
- Strong identity, established trademark, consistent community, very specialized, potentially business oriented
- Used to be maintained by a Swedish company
- Unkempt since 2012, but it is still the largest community for such niche market

Oliscience goals

- *Open Logic Interconnects science*
- **Acquired** the portal
- **Activate** the community
- **Offer** an “impact metrics” to asses performance and motivate designers to contribute (for **labs**)
- **Propose** “hardware platform matching” as a sort of advertisement opportunity (for **industry**)
- **Provide** consultancy services via the portal in the field of gateway design and support

Where do I need CT support?

- Help deciding where to host the site in the Netherlands (which ISP? which platform?)
 - OC ran on a custom server (32 GB RAM)
 - Now runs on crummy Amazon cloud machine (dead slow)
- Supervise the migration process
 - Can we “just copy/paste”?
- Watch what’s wrong with the back-end
 - Subversion is frequently not working reliably
 - ... many problems will certainly arise

Do you know a...

- I am looking for tech. experts in areas I can't cover myself
- PHP developer?
- Front End Web developer?
- Someone who knows MySQL?
- Someone who knows how to handle google analytics?
- Am I missing something obvious?

Ideas for future development:

- The platform as is is getting progressively obsolete
- Add a bug tracker to track problems and ask the community for feedback (forum is very inefficient)
- Explore the possibility to incorporate gitlab (<https://about.gitlab.com/>) for GIT support
- It used Plunify (now disappeared), see if a system with more detailed statistics (<http://www.aquafold.com/>) is viable
- Adopt a feedback system like the google store, where users can rate the cores they are using and give feedback to developers
- Adopt a StackExchange (<http://stackexchange.com/>) Q&A system, leaning on Area51; or use Askbot (<https://askbot.com/>)
- Look for a “shop solution” (replace the old one)