

A Github organization for our group

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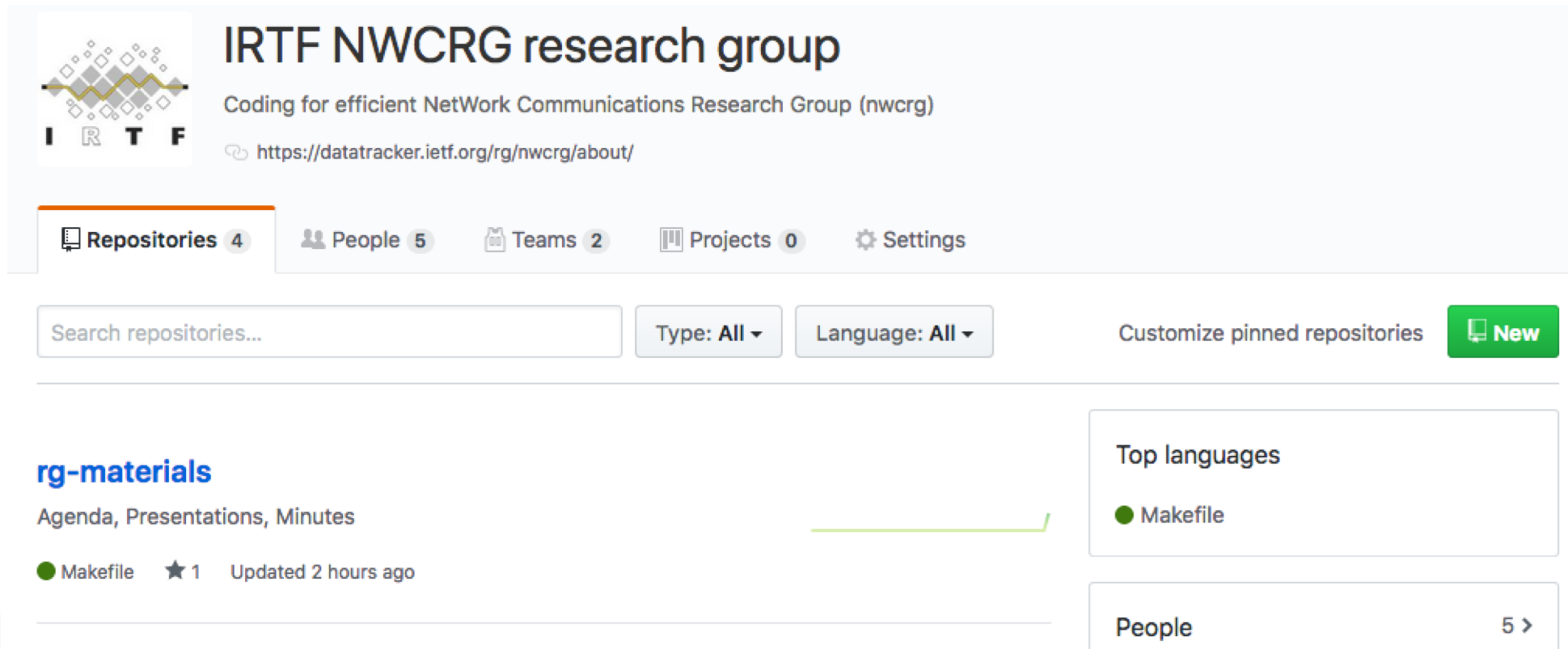
NWCRG Sep. 25th, 2018 Interim meeting

IETF group management with Github

- **a new trend**
 - “GitHub for Working Groups”, WG Chairs Lunch, IETF 102, Martin Thomson
 - ✓ <https://datatracker.ietf.org/meeting/102/materials/slides-102-edu-sessc-github-for-working-groups-00>
 - motivations:
 - ✓ Source control (with well known tools)
 - ✓ Issue management (issue tracking, pull requests)
 - ✓ Transparency (progress is open, history kept)
 - ✓ Large community
 - comes with a risk: discussions
 - ✓ our position (TBD): major discussions on nwcrg@irft.org list only

Github for NWCRG in practice

- **creation of the irtf-nwcrg organization:** <https://github.com/irtf-nwcrg/>
 - owners: Vincent, Marie-Jose, Allison



The screenshot shows the GitHub organization page for "IRTF NWCRG research group". The organization's description is "Coding for efficient NetWork Communications Research Group (nwcrg)" and its website is "https://datatracker.ietf.org/rg/nwcrg/about/". The navigation bar shows 4 repositories, 5 people, 2 teams, 0 projects, and settings. A search bar and filters for repository type and language are present. The first repository, "rg-materials", is highlighted, showing its description "Agenda, Presentations, Minutes", a Makefile icon, 1 star, and "Updated 2 hours ago". On the right, a sidebar shows "Top languages" with "Makefile" as the primary language, and a "People" section with 5 members.

IRTF NWCRG research group
Coding for efficient NetWork Communications Research Group (nwcrg)
<https://datatracker.ietf.org/rg/nwcrg/about/>

Repositories 4 | People 5 | Teams 2 | Projects 0 | Settings

Search repositories... | Type: All | Language: All | Customize pinned repositories | New

rg-materials
Agenda, Presentations, Minutes
● Makefile ★ 1 Updated 2 hours ago

Top languages
● Makefile

People 5 >

Github for NWCRG in practice (2)

- **one repository per RG Item document**
 - co-authors are administrators
 - ✓ authors manage their repo as they wish, invite other contributors...
 - ✓ the idea is to have all work on the I-D done there

draft-irtf-nwcrg-network-coding-satellites

Network coding and satellites

🔑 1 Updated 5 days ago

draft-irtf-nwcrg-nwc-ccn-reqs





Network Coding for Content-Centric Networking / Named Data
Networking: Requirements and Challenges

Updated 6 days ago

Github for NWCRG in practice (3)

- in fact we create one team per RG Item document (with admin rights)
- all authors belong to that team

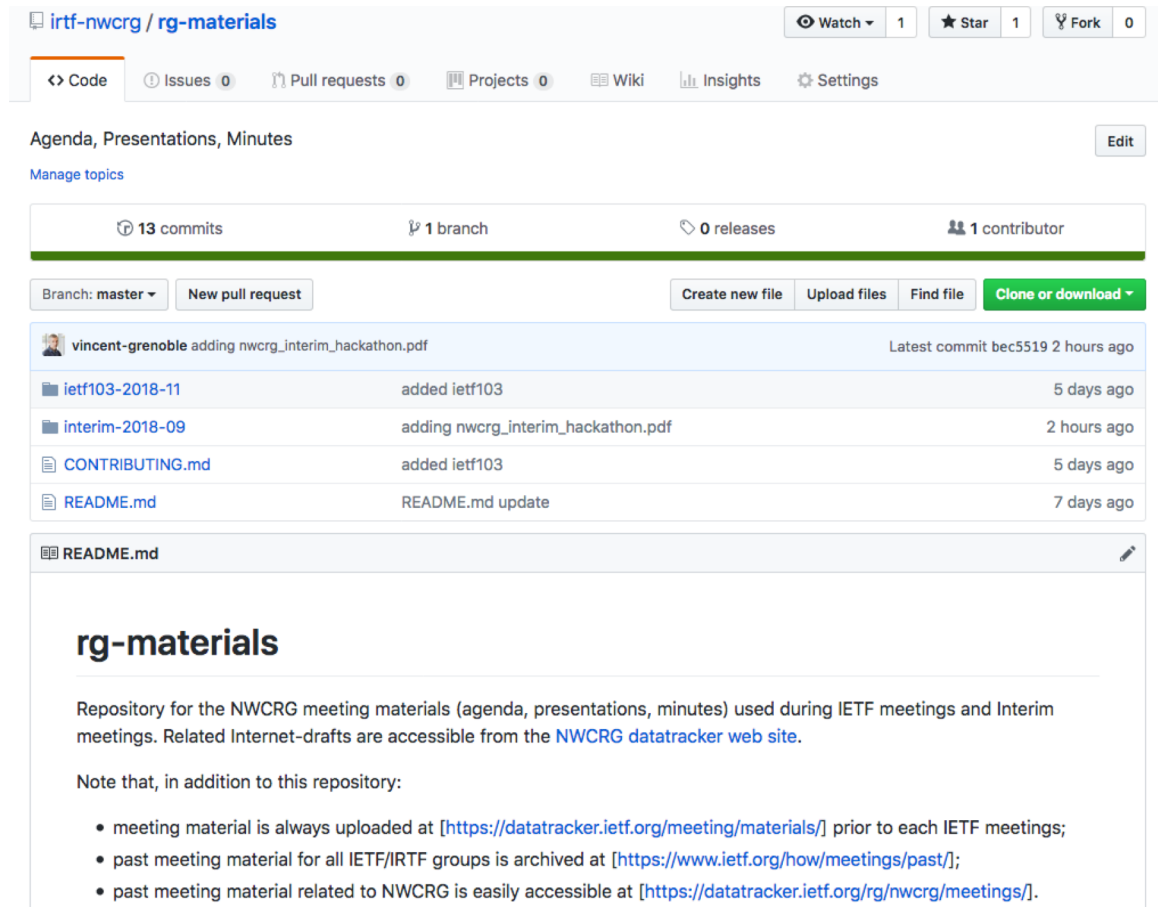
New team

<input type="checkbox"/> Select all		Visibility ▾	Members ▾
<input type="checkbox"/> nwcrg-network-coding-satellites-t... Work on draft-irtf-nwcrg-network-coding-satellites	  	3 members	0 teams
<input type="checkbox"/> nwcrg-nwc-ccn-reqs-team Work on draft-irtf-nwcrg-nwc-ccn-reqs		1 member	0 teams

✓ NB: irtf-nwcrg owners are admin too, but will NOT interfere!

Github for NWCRG in practice (4)

- a repository for **RG material**
 - put agenda, slides, minutes
 - ✓ for IETF meetings
 - ✓ for Interim meetings
 - remind IETF rules in file CONTRIBUTING.md
 - it does not replace our datatracker page!



The screenshot shows the GitHub repository page for 'irtf-nwcrg / rg-materials'. The repository has 13 commits, 1 branch, 0 releases, and 1 contributor. The latest commit by 'vincent-grenoble' is 'adding nwcrg_interim_hackathon.pdf' from 2 hours ago. The repository contains files for IETF103-2018-11, Interim-2018-09, CONTRIBUTING.md, and README.md. The README.md file is displayed, showing the repository's purpose and instructions for contributing.

Repository: irtf-nwcrg / rg-materials

Agenda, Presentations, Minutes

13 commits, 1 branch, 0 releases, 1 contributor

Branch: master | New pull request | Create new file | Upload files | Find file | Clone or download

Latest commit: vincent-grenoble adding nwcrg_interim_hackathon.pdf (2 hours ago)

File	Commit Message	Time Ago
ietf103-2018-11	added ietf103	5 days ago
interim-2018-09	adding nwcrg_interim_hackathon.pdf	2 hours ago
CONTRIBUTING.md	added ietf103	5 days ago
README.md	README.md update	7 days ago

rg-materials

Repository for the NWCRG meeting materials (agenda, presentations, minutes) used during IETF meetings and Interim meetings. Related Internet-drafts are accessible from the [NWCRG datatracker web site](https://datatracker.ietf.org/nwcrg/meetings/).

Note that, in addition to this repository:

- meeting material is always uploaded at [\[https://datatracker.ietf.org/meeting/materials/\]](https://datatracker.ietf.org/meeting/materials/) prior to each IETF meetings;
- past meeting material for all IETF/IRTF groups is archived at [\[https://www.ietf.org/how/meetings/past/\]](https://www.ietf.org/how/meetings/past/);
- past meeting material related to NWCRG is easily accessible at [\[https://datatracker.ietf.org/rg/nwcrg/meetings/\]](https://datatracker.ietf.org/rg/nwcrg/meetings/).

Github for NWCRG in practice (5)

- a repository for the **hackathon work**
 - put source code + guides + links to docs + ...

The screenshot shows the GitHub interface for the repository 'irtf-nwcr / sw-fec-codec'. At the top, there are buttons for 'Watch' (2), 'Star' (0), and 'Fork' (0). Below this is a navigation bar with 'Code' selected, and links for 'Issues' (0), 'Pull requests' (0), 'Projects' (0), 'Wiki', 'Insights', and 'Settings'. The repository description is 'Open-source sliding window FEC codec (IETF hackathon)' with an 'Edit' button. Below this is a 'Manage topics' link. A summary bar shows '2 commits', '1 branch', '0 releases', and '1 contributor'. Below the summary bar are buttons for 'Branch: master', 'New pull request', 'Create new file', 'Upload files', 'Find file', and a green 'Clone or download' button. The commit history shows a commit by 'vincent-grenoble' titled 'update of the sf-fec readme' with the latest commit hash '367a2af' from '2 hours ago'. Below the commit history is a file list showing 'README.md' with the description 'update of the sf-fec readme' and a timestamp of '2 hours ago'.

irtf-nwcr / sw-fec-codec

Watch 2 Star 0 Fork 0

<> Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

Open-source sliding window FEC codec (IETF hackathon) Edit

Manage topics

2 commits 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

vincent-grenoble update of the sf-fec readme Latest commit 367a2af 2 hours ago

README.md update of the sf-fec readme 2 hours ago

Github for NWCRG in practice (6)

- what about **non RG Item** documents?
 - current position: not part of the irtf-nwcrg repositories...
 - ✓ e.g., coding for QUIC and generic API I-Ds are in <https://github.com/vincent-grenoble>
 - seems reasonable (but it can be discussed on a case by case basis)
 - opinions?

About I-D format...

- I've been using XML for years, but Markdown is probably preferable
 - time to change?
 - e.g., recommendation from Martin Thomson (IETF 102)



Use Markdown

It is easier to use

...especially for IETF newcomers

You get more and better contributions

Both variants are good: [kramdown-rfc2629](#) and [mmark](#)

Let's try...

- **probably more useful than our wiki**
 - even if it's not the same service (explicit write access required to edit)
 - wiki will probably be deprecated