A Github organization for our group

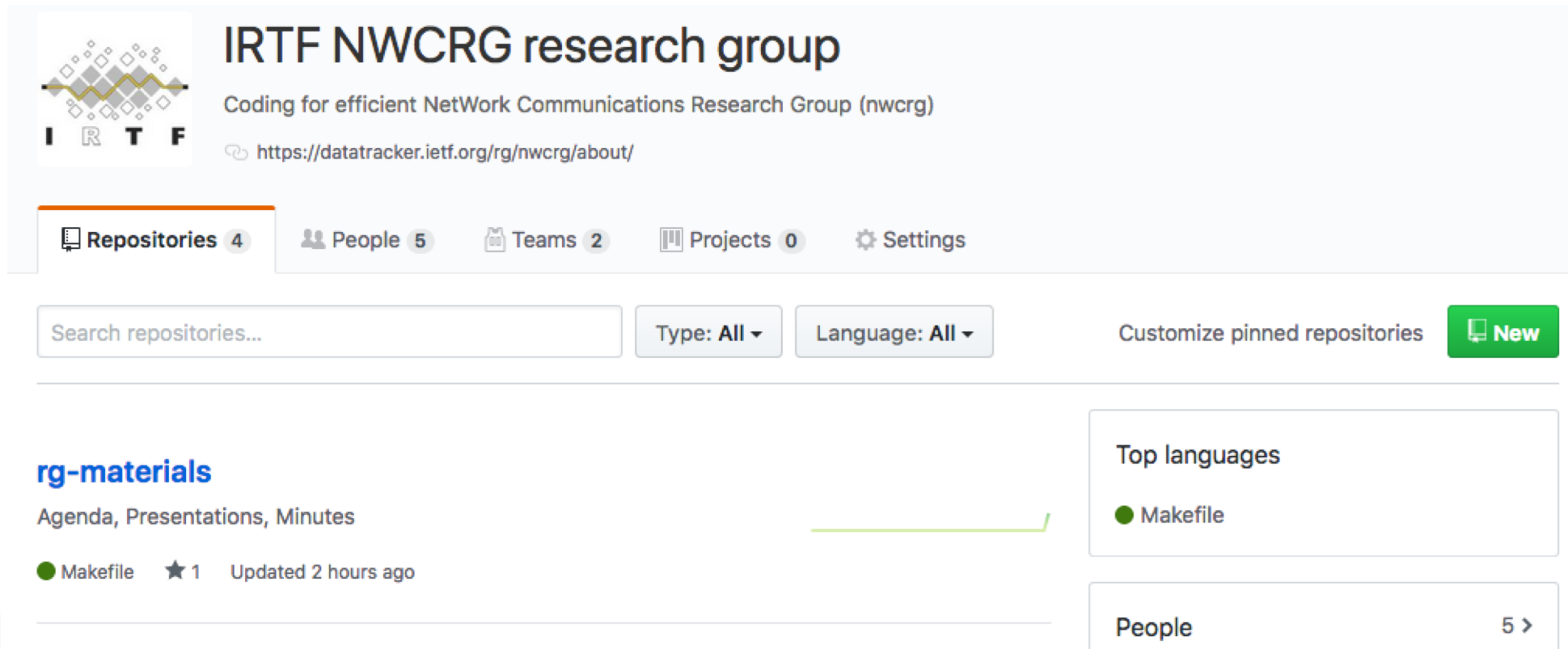**vincent.roca@inria.fr** and **marie@mjmontpetit.com**

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

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 ›

3

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)
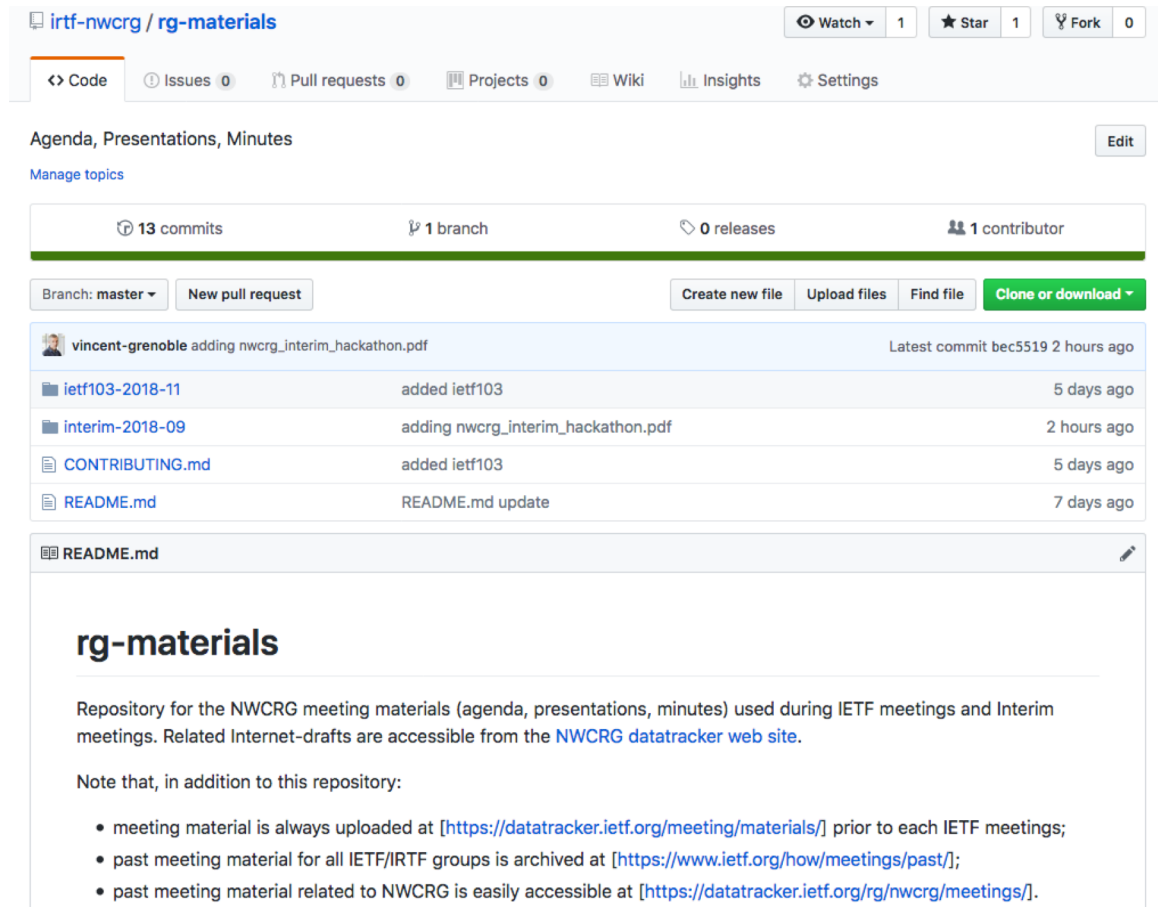- all authors belong to that team

✓ **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!

Github for NWCRG in practice (5)

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

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