



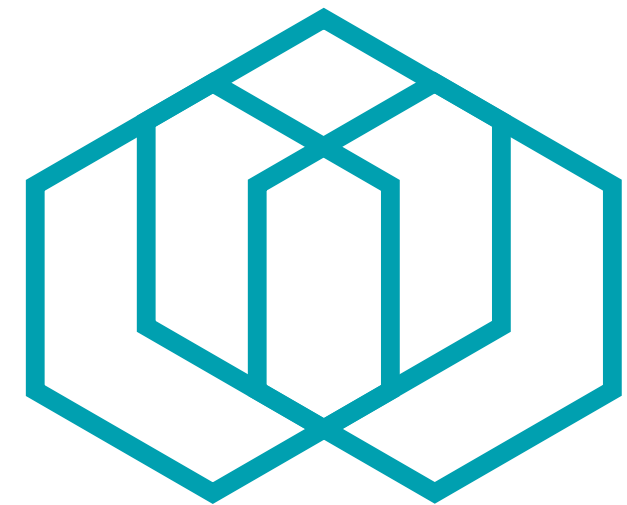
nes  fit

# RINASim

## Status Quo 2018

Vladimír Veselý

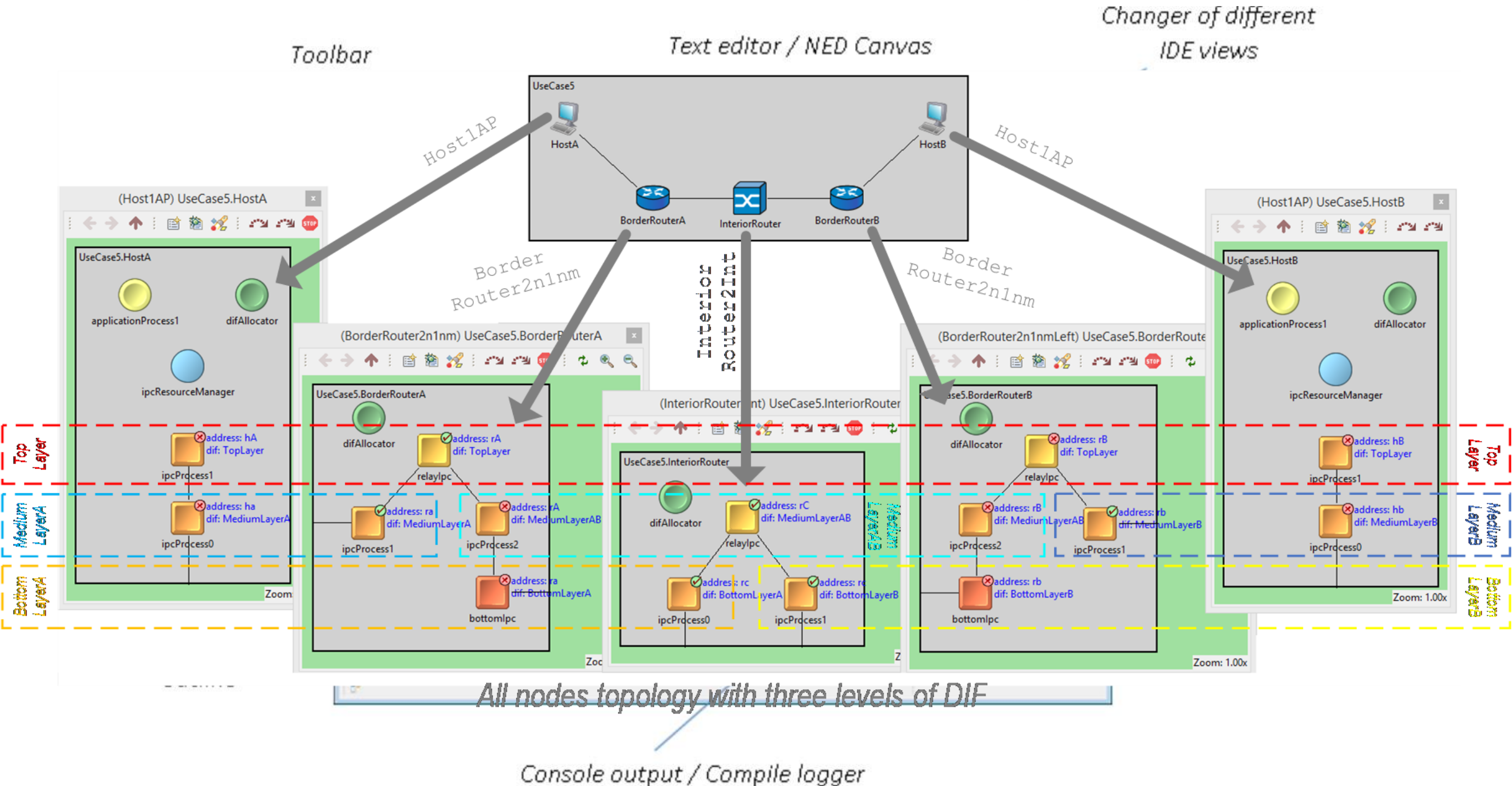
2018-05-22



RINASim

# What is RINASim?

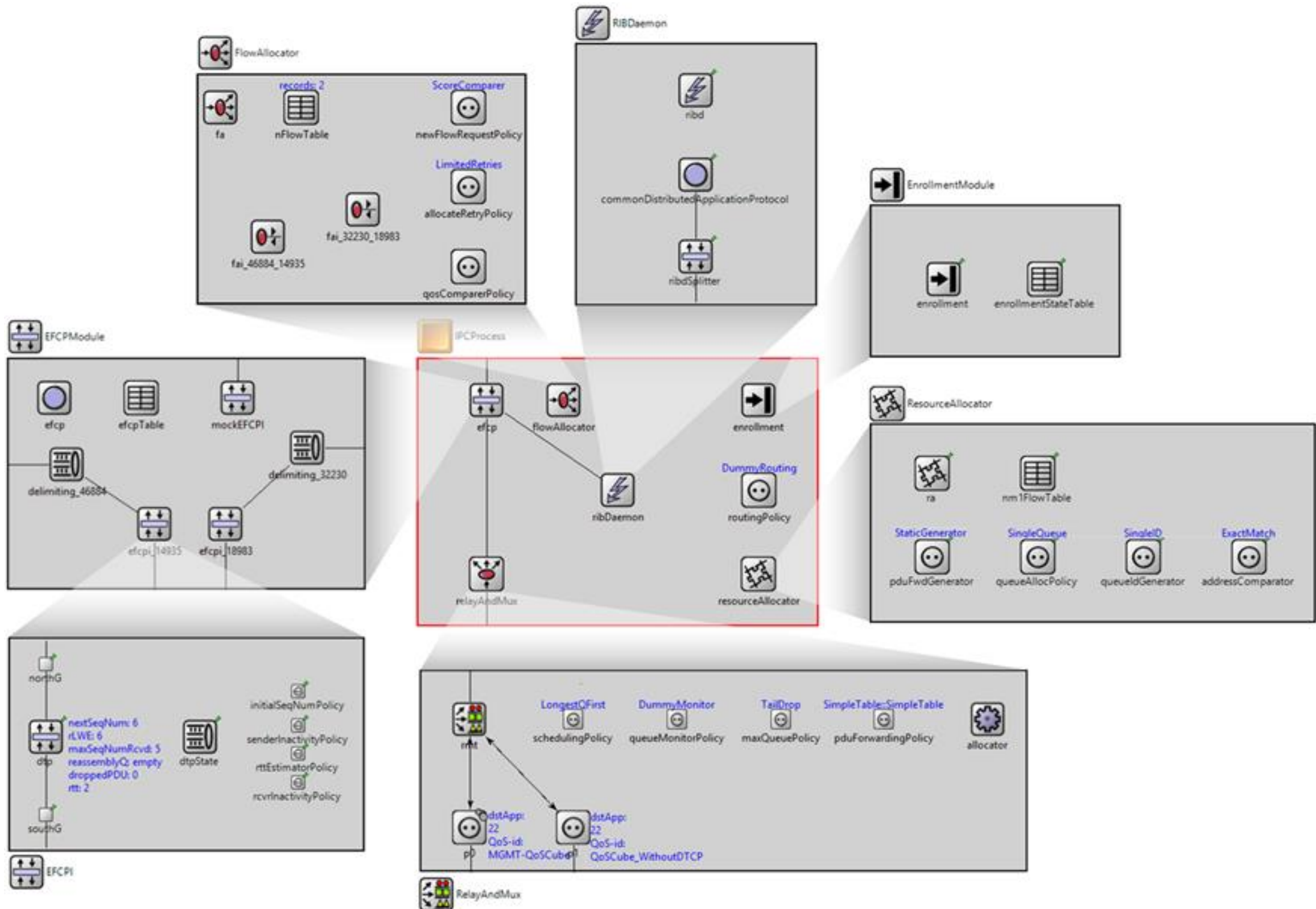
- OMNeT++ based framework for simulating RINA



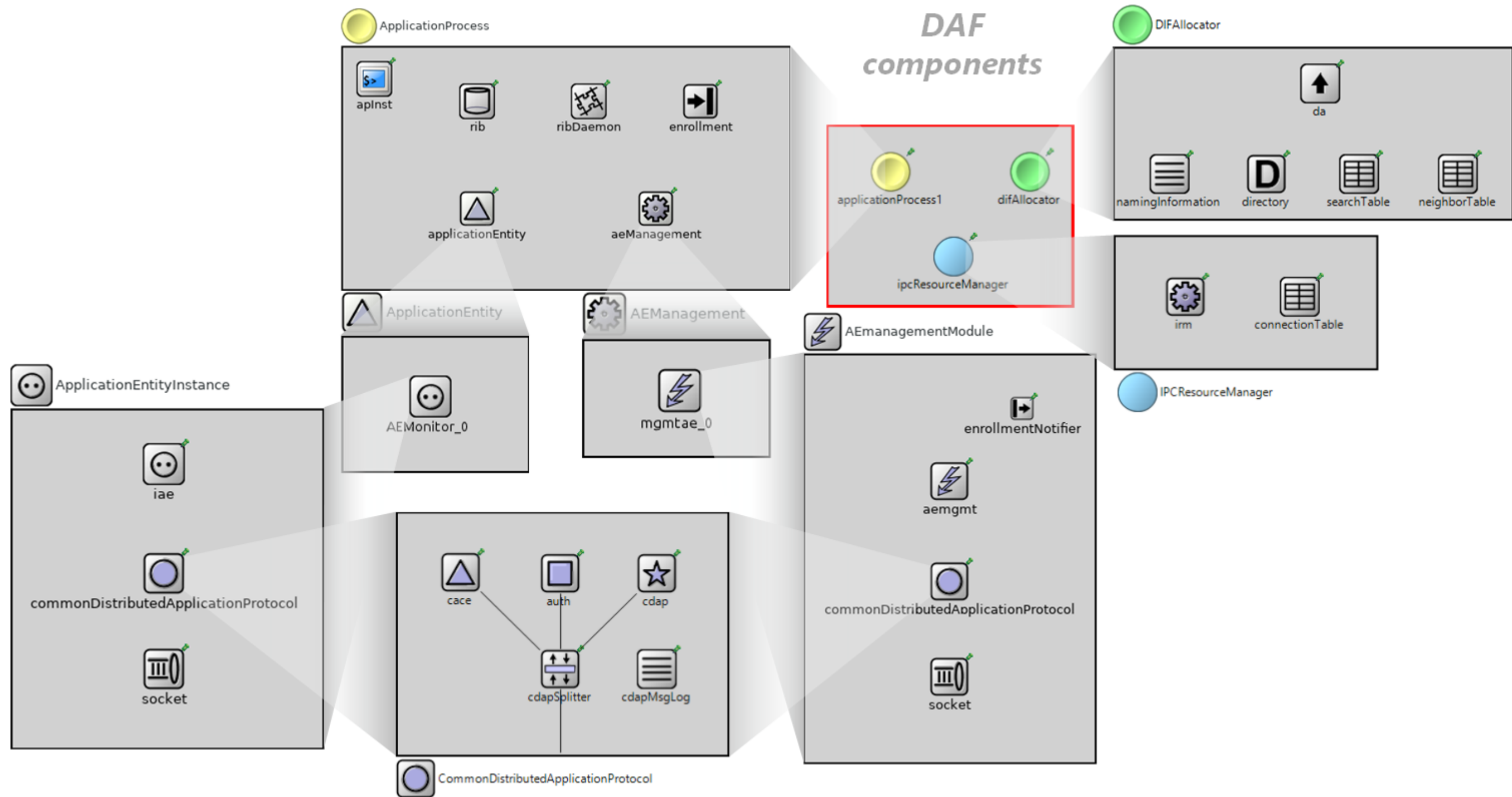
# Current Release

- March 2018
  - GitHub repository  
<https://github.com/kvetak/RINA/archive/March2018.zip>
  - Out-of-the-box VMWare VM  
<http://nes.fit.vutbr.cz/ivesely/vm/RINASim.zip>
- Features
  - CDAP API, RIB and RIBd
  - OMNeT++ 5.2 technical candidate compatibility

# DIF Components



# DAF Components



# News

- Used as a tool in theses of following people
  - Kleber Leal (BR)
  - Djalma Fiho Limo (BR)
  - Sergio Leon Gaixas (ES)
- Preparing journal paper introducing RINASim to OMNeT++ community
  - draft including RINA theory available via [http://nes.fit.vutbr.cz/ivesely/RINASim\\_draft.pdf](http://nes.fit.vutbr.cz/ivesely/RINASim_draft.pdf)
  - feedback welcomed

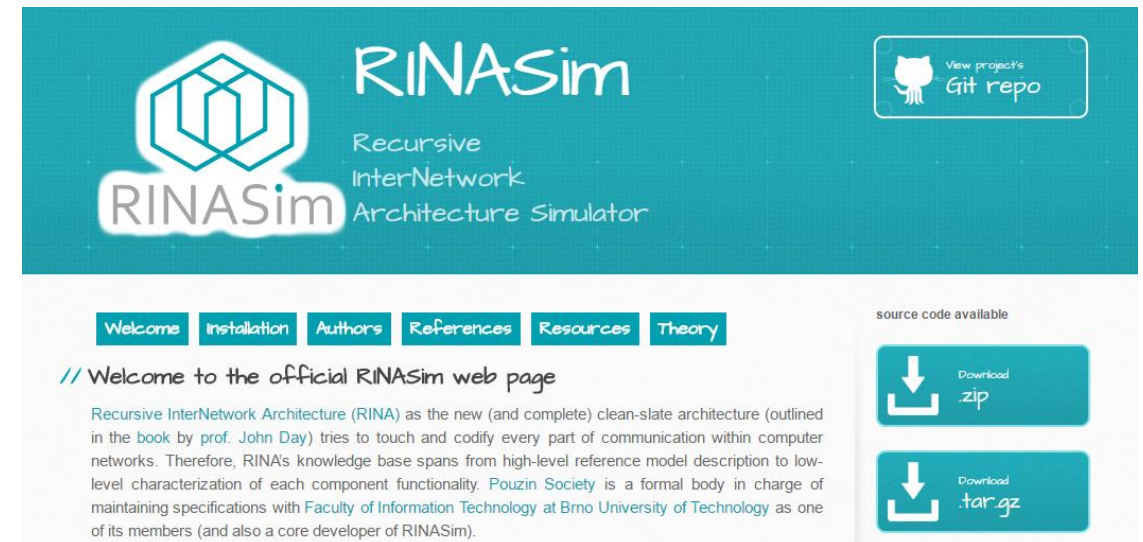
# Team and Plans

- RINASim is maintained by
  - [Vladimír Veselý \(@kvetak\)](#)
  - [Kamil Jeřábek \(@kjerabek\)](#)
  - [Marcel Marek \(@screw\)](#)
- Additional collaborators
  - Tomáš Hykel ([@thykel](#)), Sergio Leon Gaixas ([@gaixas1](#)), Kleber Leal ([@kaleal](#)), Peyman Teymoori ([@peyman-t](#)), Ehsan Elahi ([@ehsanzahoor](#)), Kewin Rausch ([@kewinrausch](#)), Fatma Hrizi ([@fatmahrizi](#))
- **Future for the rest of 2018**
  - A real data-link layer models



# Need Help?

- Check the official webpage
  - Visit <https://rinasim.omnetpp.org>



## ~~Skype group chat~~

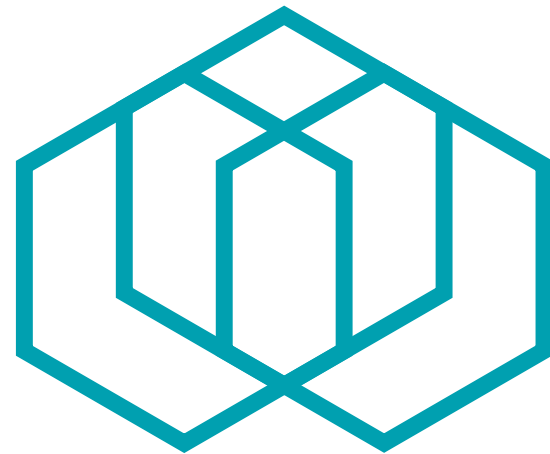
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- ~~<https://join.skype.com/B9Tt5aTPd0nG>~~

- Sign to mailing-list [rinasim@fit.vutbr.cz](mailto:rinasim@fit.vutbr.cz)
  - Sign-in on <http://www.fit.vutbr.cz/mailman/listinfo/rinasim>





# Thank you!



RINASim

**RINASim is a great entry-level tool for explaining RINA principles. Good for academics, useful for researchers!**

**Questions?**