



# about:dribdat

v.1.5-09.2020 \_ dribdat.cc \_ CC BY 4.0

dribdat is an online accelerator of **hackathons with impact**: a tool that allows organizers and participants to connect events, challenges, teams and projects across documentation, development and community platforms. With dribdat powering your events, transparent analytics on the progress of teams help to document verifiable results in real-time and with open standards.

## Goals

Using dribdat, you can collect and showcase projects at time-bound events known as hackathons. Hackathons are more than just a trendy way to get recruited into an IT job: they are a venue for open collaboration, civic engagement, and technical experimentation in a social setting. With the experience of organising many such rencontres, we started this platform to streamline efforts and share best practices with the wider community.

Emerging from the world of open data and civil society initiatives, dribdat began on the premise that participants are not only **using data sources to create projects with a real-world impact, but that they themselves participate in intense data sharing experiences**. In other words, hackathons can be thought of as focus groups of data collection and development driven by open access.

The name dribdat is a tip of the hat to [Dribbble](#), a famous online community for graphic designers, and the [Dat project](#), a peer-to-peer protocol and one of the most revolutionary Internet publication and data exchange initiatives of recent years.



# dribdat is an open source project board for splendid collaboration.

Designed with the goal of helping organizers take better care of their teams, dribdat features timekeeping and progress tracking, streamlined information channels to teams, **making it easier to sustain the energy in the room or online event, and let everyone focus on driving ideas forward.** dribdat could also be used in a variety of similar formats, such as *Design Thinking* and *Rapid Prototyping* workshops, where time is of the essence.

The code is accessible for free from GitHub with instructions for self-hosting the platform. Once an application is running, you set up your first hackathon. Future events can run on the same site.

## Looks like you are new to this - welcome!

Start a Hackathon

Open source under the MIT license. [About D R I 🍌 🍌 A T](#) [Issues](#)

On the front page you can see then the upcoming event, as well as any previous events. A short description is followed by a link to the event home page, as well as a second-by-second countdown of time remaining until the start or the finish line (once started). *Projects*, *Challenges* and *Resources* are shown in the event screen. Here you can learn about topics, datasets, schedules, get directions and any other vital information that the organizers have provided.

Before the event begins it is possible to *Share a challenge*. People who are interested in your challenge can join it to express their support, approach you in person or via virtual channels that we integrate into the tool. Once the event has started, you can form a team just by clicking the *Join* button, taking over a challenge and boosting it, or selecting *Start project* to begin afresh.



Kanton Zürich  
Statistisches Amt

### Monitoring COVID19 effects

March 18 - 24, 2020

Lasst uns ein Monitoring der gesellschaftlichen Reaktion auf die Covid-19 Epidemie und die Massnahmen der Behörden aufbauen! 🍌  
Falls ihr mithelfen wollt, dass Daten und Analysen zu den Auswirkungen der Covid-19 Epidemie sichtbar werden, freuen wir uns über eure Beteiligung.  
Wir unterstützen gerne mit Daten, Rat und Tat. Dies ist ein sich fortlaufend entwickelnder Hackathon. Wir rechnen auf viel Unterstützung aus der Community.

Mettons en place un suivi de la réponse sociétale à l'épidémie de Covid-19 et des actions des autorités! 🍌  
Si vous souhaitez contribuer à rendre visibles les données et les analyses sur l'impact de l'épidémie, nous serions heureux de vous entendre. Nous vous soutiendrons en vous fournissant des données, des conseils et des actions. Il s'agit d'un hackathon en développement continu initié par Statistik Kt. Zürich et la communauté suisse des données ouvertes. Nous comptons sur votre soutien.

Let's set up a monitoring of the societal response to the Covid-19 epidemic and the actions of the authorities! 🍌  
If you would like to contribute to making data and analysis on the impact of the Covid-19 epidemic visible, we would be happy to hear from you. We will support you with data, advice and action. This is a continuously developing hackathon initiated by Statistik Kt. Zürich and the Swiss open data community. We are counting on your support.

Infos, data and more: [@statistikzh](#) / [@opendatazh](#) / [@opendatazurich](#) / [@opendatabs](#) / [@opendataswiss](#) / [@opendatach](#)

## #covid19mon

How to join »

Live Projects

Start project 🍌

06:11:09:47

Canton of Zürich / [#covid19mon 2020](#)



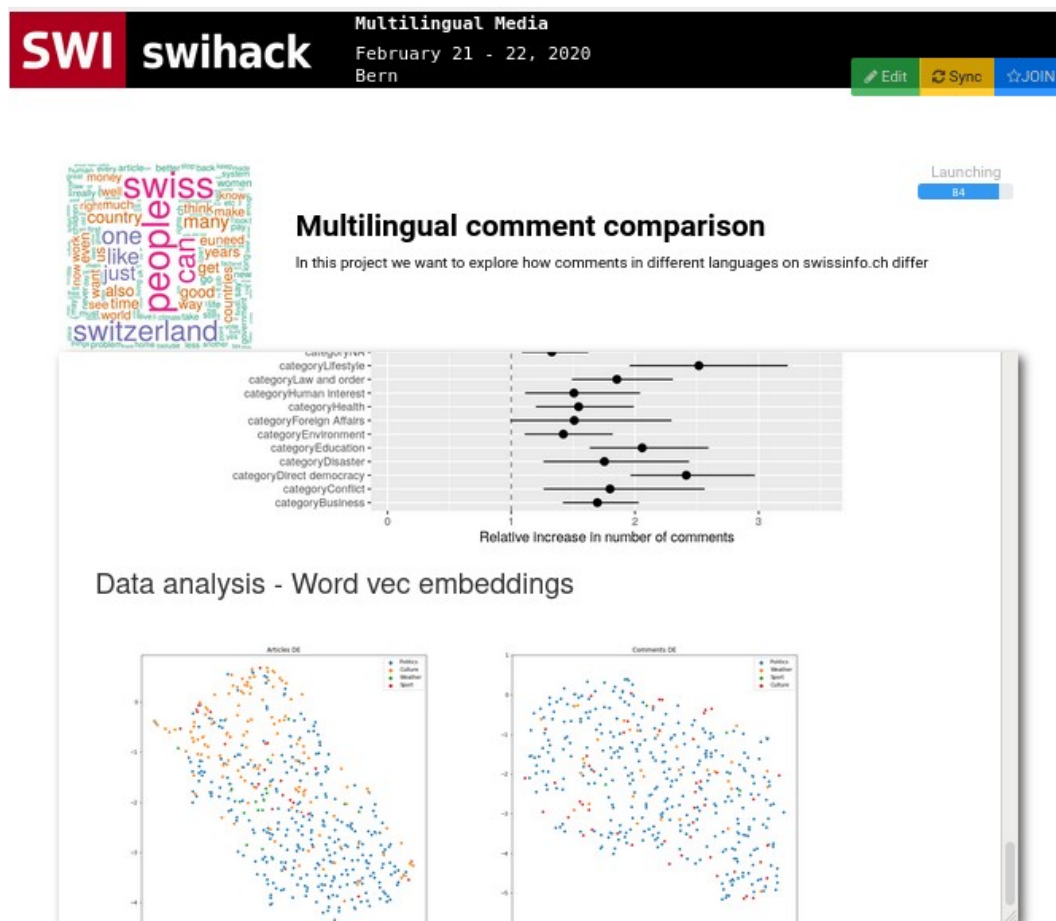
## dribdat is the best connection to your hackathon results.

Typically, hackathons are run on some kind of publishing workflow that collects data from the team in a series of forms. We consider this to be a laborious process that steals valuable time from teams and organizers while introducing bias and latency. It is more rare that project information is facilitated with the ability to start a project on the basis of existing data from GitHub or another site.

We believe in the power of the open Web, and in dribdat-powered events, the teams are truly free to work where they please. Keeping up with every twist and turn in the online collaboration landscape, dribdat connects a support community sharing the best brainstorming, prototyping and code sharing tools, helping to ensure we can plug in to the most preferred platforms.

No more forms! Projects which are published in a compatible source repository - such as [GitHub](#), [GitLab](#), [Bitbucket](#) - or supported wikis, such as [Etherpad](#), [DokuWiki](#) and [Google Docs](#) - can be synchronized so that documentation can take place, and *continue to happen in a distributed way*, using standard formats such as the *README*'s favored by the open source community.

Users may also use short Twitter-like posts with [Markdown](#) formatting to document their project, and we are working on simpler, more direct ways to capture insight into participant activity – such as [dribbot](#), a Slack integration that allows updating projects directly within a team channel.



Swiss Broadcasting Corporation / [#swihack 2020](#)

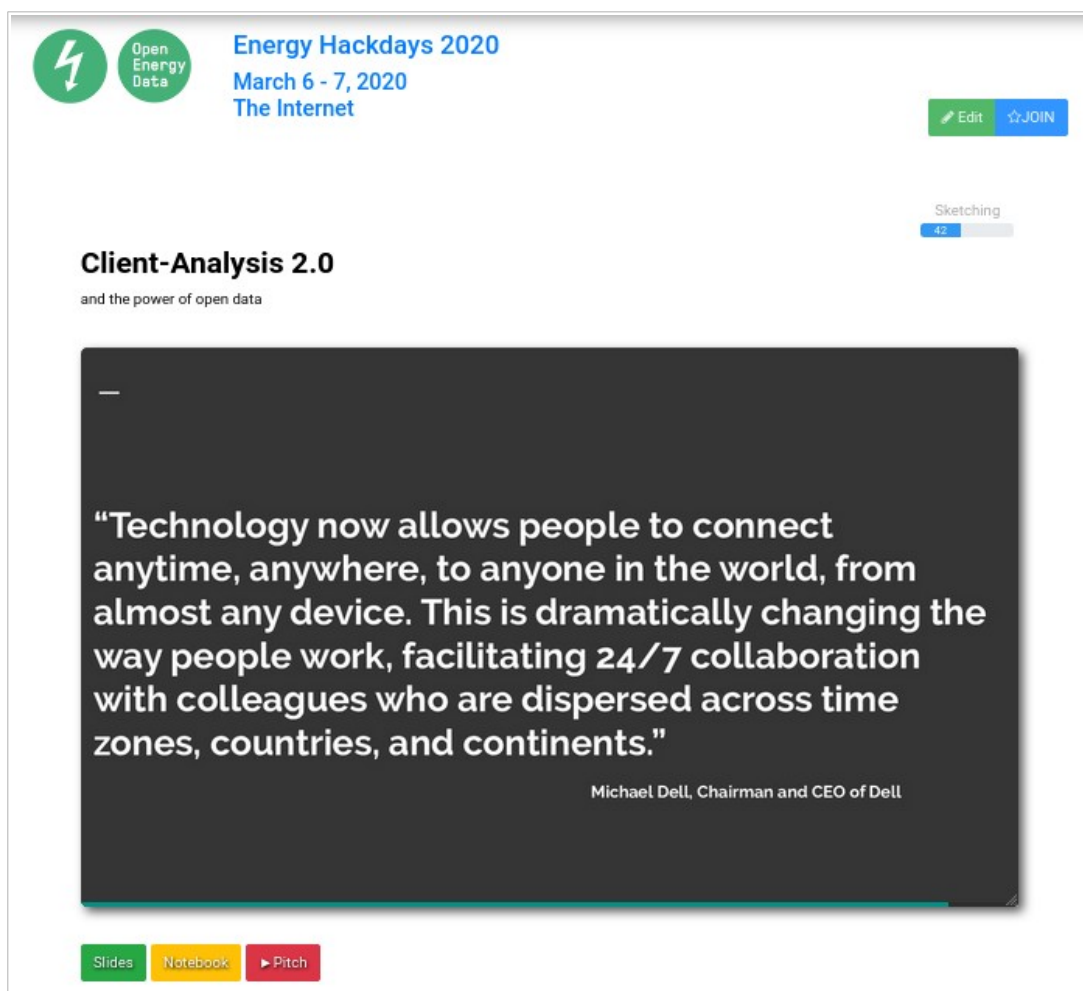


## dribdat reduces friction for more effective collaboration.

Project presentations and demos are made easily and efficiently available for evaluation. We support embedding real-time collaborative text editing such as [CodiMD](#) and [Jupyter](#) notebooks, directly into the project to minimize the friction of on-boarding participants.

Each team can update their own progress level, in addition to an automatic metric for profile completeness and activity levels, to give each project a progress score. Team members can subscribe to the project once you have started it, and immediately gain access to improving the content. Their public profile will then be linked to it, and platform activities (messages, progress reports, code commits) can be tracked along side their team-members. **We are working to build this into a powerful tool for tracking performance and recognizing contribution.**

Our data exports, API and event dashboard allows organizers to at a glance see how all their teams rank over the course of the event, and extract statistics for insight on the pulse of the hackathon, pointing to improvements and providing compelling content for sponsors. Fundamental to all of this is the experience of the hackathon participant, their ability to represent their team, be aware of what's happening in the wider event, document their efforts, and present the results.



The screenshot shows a project page for "Energy Hackdays 2020" on the dribdat platform. The header includes the event logo (a lightning bolt in a green circle) and the text "Open Energy Data", "Energy Hackdays 2020", "March 6 - 7, 2020", and "The Internet". There are "Edit" and "JOIN" buttons in the top right. Below the header, the project title "Client-Analysis 2.0" is displayed with the subtitle "and the power of open data". A progress bar labeled "Sketching" shows a value of 42. The main content area features a dark grey slide with white text: "Technology now allows people to connect anytime, anywhere, to anyone in the world, from almost any device. This is dramatically changing the way people work, facilitating 24/7 collaboration with colleagues who are dispersed across time zones, countries, and continents." attributed to "Michael Dell, Chairman and CEO of Dell". At the bottom, there are three buttons: "Slides", "Notebook", and "Pitch".

Opendata.ch / [Energy Data Hackdays 2020](#)



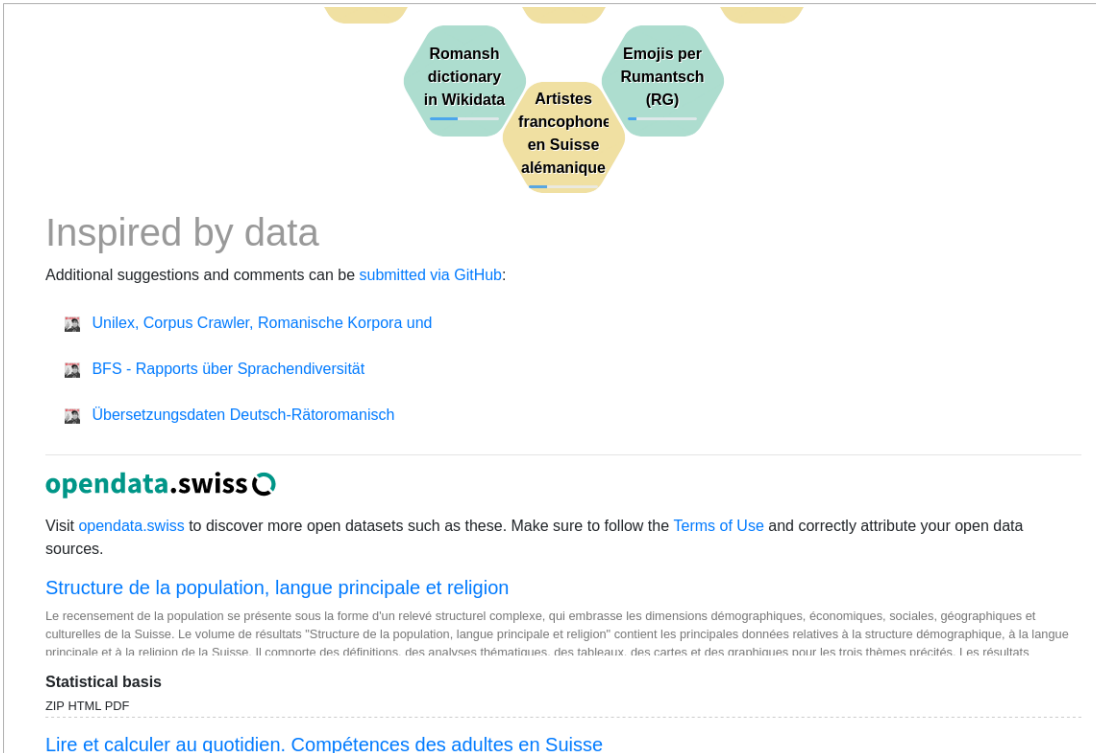
## dribdat is about interoperability.

Not a metaphor: this platform is a digital glue between a plethora of tools and processes that are being deployed in the civic tech community, enabling quick and painless deployment and support of hackathons, which have become an important instrument in facilitating concentrated social change-making that is digitally sustainable.

Several innovations are baked into the core of the project, such as support for Frictionless Data, the “open-source toolkit that brings simplicity and gracefulness to the data experience” ([frictionlessdata.io](https://frictionlessdata.io)) which we use to embed Data Packages which **accelerate the process of unpacking and exploring open information sources in the crucial early research & experimentation phases of a hackathon.**

We have created and promoted an open schema for documenting hackathon results, *hackathon.json*, which is a simple, readable text file at the root of any dribdat instance. Along with compliance for [Schema.org](https://schema.org) and OpenGraph standards, we strive to ensure that hackathon publications are picked up by search engines and easily federated. Did we already mention there is an API? Search is a feature that we so far have not bothered to implement into the user interface.

For event organizers, our backend allows quick browsing and export of project data: in document form for evaluation by jury, or in CSV or JSON formats for external workflow. Spammy or invalid entries can be easily hidden or cleaned up. With OAuth 2 support, user profile administration can go through an external, enterprise-scale provider such as GitHub or Slack. We can generally support integration with any kind of data platform or collaboration tool through IFRAMEs or APIs. We can work with event management software, even other hackathon platforms, if you need to mix and match features: dribdat's is intended to be part of an ecosystem of composable Internet tools.



The screenshot displays the dribdat platform interface. At the top, a hexagonal diagram features four interconnected nodes: 'Romansh dictionary in Wikidata', 'Emojis per Rumantsch (RG)', 'Artistes francophone en Suisse alémanique', and a central node. Below this, the heading 'Inspired by data' is followed by a link to submit suggestions via GitHub. A list of three datasets is shown, each with a small icon and a title: 'Unilex, Corpus Crawler, Romanische Korpora und', 'BFS - Rapports über Sprachendiversität', and 'Übersetzungsdaten Deutsch-Rätoromanisch'. The 'opendata.swiss' logo is prominently displayed, followed by a paragraph encouraging users to visit the website for more open datasets and to follow the terms of use. Below this, the title 'Structure de la population, langue principale et religion' is shown, followed by a detailed description of the dataset in French. A 'Statistical basis' section lists 'ZIP HTML PDF' as available formats. At the bottom, a link 'Lire et calculer au quotidien. Compétences des adultes en Suisse' is provided.




Romansh dictionary in Wikidata

Emojis per Rumantsch (RG)

Artistes francophone en Suisse alémanique

### Inspired by data

Additional suggestions and comments can be [submitted via GitHub](#):

-  [Unilex, Corpus Crawler, Romanische Korpora und](#)
-  [BFS - Rapports über Sprachendiversität](#)
-  [Übersetzungsdaten Deutsch-Rätoromanisch](#)

### opendata.swiss

Visit [opendata.swiss](https://opendata.swiss) to discover more open datasets such as these. Make sure to follow the [Terms of Use](#) and correctly attribute your open data sources.

#### Structure de la population, langue principale et religion

Le recensement de la population se présente sous la forme d'un relevé structurel complexe, qui embrasse les dimensions démographiques, économiques, sociales, géographiques et culturelles de la Suisse. Le volume de résultats "Structure de la population, langue principale et religion" contient les principales données relatives à la structure démographique, à la langue principale et à la religion de la Suisse. Il comporte des définitions, des analyses thématiques, des tableaux, des cartes et des graphiques pour les trois thèmes précités. Les résultats

**Statistical basis**  
ZIP HTML PDF

[Lire et calculer au quotidien. Compétences des adultes en Suisse](#)



## dribdat is being excellent to each other.

This project was built in the tradition of creative hacking. We combined best practices in using wikis, issue tracking, and content management systems, and created the basic framework of the application at a hackathon in 2015: a Web application written using the Flask framework for Python and Bootstrap, that runs on most operating systems and well known databases. A grant from Swisscom made it possible to put in more work, and release it into the wild.



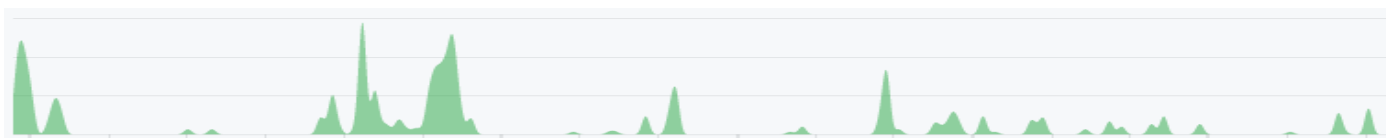
In these first years of service, dribdat has supported dozens of events around Switzerland, and has become the official hackathon platform of Opendata.ch - the Swiss chapter of Open Knowledge, the Open Network Infrastructure Association, and DINAcon - the largest annual Swiss conference for digital sustainability. We have seen international usage and interest in the platform from Spain to the U.S.A., and are currently crowdfunding and organizing grants to build up speed.

All attendees, sponsors, partners, volunteers and staff at our hackathon are required to agree with the [Hack Code of Conduct](#). Organisers will enforce this code throughout the event. We expect cooperation from all participants to ensure a safe environment for everybody. For more details on how the event is run, see the [Guidelines](#) on our wiki.



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Independently developed at the grassroots, behind the scenes of this project are compacted qualities of what we believe entails good collaboration: **a supportive atmosphere that proliferates diversity and tolerance, clearly stated goals, community support and progressive guidelines.**



The project is rooted in open data and emerging connected IoT technologies on open networks: dribdat can run as a cloud service, and as an on-premises hardware product. The maintainers are dedicated to the hackathon scene, involved in standardization and data integration efforts. Alternative versions and new designs are being promoted through an open code organization.





## dribdat is not all the things.

This is a niche product with unique features and clear limitations. While you will find a variety of enhancements being worked on at [hackathons-ftw/dribdat/issues](https://hackathons-ftw.com/dribdat/issues), here are a couple of major areas where we are lagging. [See here](#) for similar products that you may wish to consider for your needs, and visit the [dribdat Open Collective](#) to discover a number of ways to invest into our project.

1. **No user profile.** There is currently no way to see details on a user, such as all the events and projects that a user has worked on, or to add any details about yourself except for a single link to some online profile. You can use an anonymous username and disposable e-mail address. Collecting personally identifiable information is not the goal of dribdat - **facilitating recognition in a privacy-protecting way is: and will continue to be improved upon.**

**Tip:** we suggest either using social networks like Twitter or GitHub for this purpose, or ask users to create profiles in the community platform that you integrate with dribdat - like Discourse or Slack. You might also recommend “CV builder” platforms like LinkedIn or Stack Overflow which allow us to conveniently list our hackathon experiences.

2. **How to contribute to a project?** We have left the project structure open ended, allowing organizers and teams to define how people can engage as contributors or testers. This is certainly part of the challenge of succeeding with promoting a hackathon idea, but it is also a major area of improvement to assist beginners and encourage active participation. We are collaborating on designs for enhancing this with several groups.

**Tip:** at some hackathons, like the [hacknight challenge](#) pictured below, we recommend following an easy-moderate-advanced structure (“ski pistes”) in their task descriptions. Other events set up a template which forces project teams to think about this issue.

**{ hacknight challenges }**



Find out about the [Fairphone Open](#) project, deploy and compile a local build of the operating system into an [Android Emulator](#) - or if you have an actual Fairphone (or a cooperative friend), try to install a custom build on the device.



Use the [Build instructions](#) to get the source and put together your own local build of Fairphone OS. See if you can put the DINAcon logo into the lock screen, or make some other modification - use your imagination!



Visit the [Fairphone Bugtracker](#) to see the most actively discussed and developed issues, and contribute to the conversation - make a bug patch or address a feature request at the HACKnight!

3. **Commercial support is rare.** The code base has developed organically using crowdsourced requirements. So far there is no service provider running instances on demand. We believe there is a market for this and are happy to talk to any IT company who would be willing to put some thought into this. We are also contributing to other, newer attempts to build a scalable operating system for hackathons, such as [VersusVirus](#).

**Tip:** dribdat runs on Heroku, and is easily adaptable to other PaaS clouds. It should not take system administration expertise to run a server. The Python/Bootstrap technical stack is extremely popular right now, so finding engineering help is easy. Let us know if you would like to discuss support options.



### *In a Nutshell, dribdat...*

- ... has had [654 commits](#) made by [7 contributors](#) representing [6,664 lines of code](#)
- ... is [mostly written in Python](#) with [a low number of source code comments](#)
- ... has [a codebase with a long source history](#) maintained by [a small development team](#) with [increasing Y-O-Y commits](#)
- ... took an estimated [2 years of effort](#) (COCOMO model) starting with its [first commit in September, 2015](#) ending with its [most recent commit 4 days](#) ago

– <https://www.openhub.net/p/dribdat>

## hackathons FTW!

The easiest way to try dribdat is to sign up for an upcoming event (e.g. at [hack.opendata.ch](http://hack.opendata.ch)), and to use our platforms as participant. You can also visit the home page at [dribdat.cc](http://dribdat.cc) to get instructions on how to quickly deploy it on your own server and set up your own events. If you need help or advice in setting up your event, or would like to contribute to the project in some way, please get in touch via [dribdat@datalets.ch](mailto:dribdat@datalets.ch) or any of these links:

Website: [dribdat.cc](http://dribdat.cc)

Funding: [opencollective.com/dribdat](https://opencollective.com/dribdat)

Twitter: [@dribdat](https://twitter.com/dribdat)

Source: [github.com/hackathons-ftw](https://github.com/hackathons-ftw)

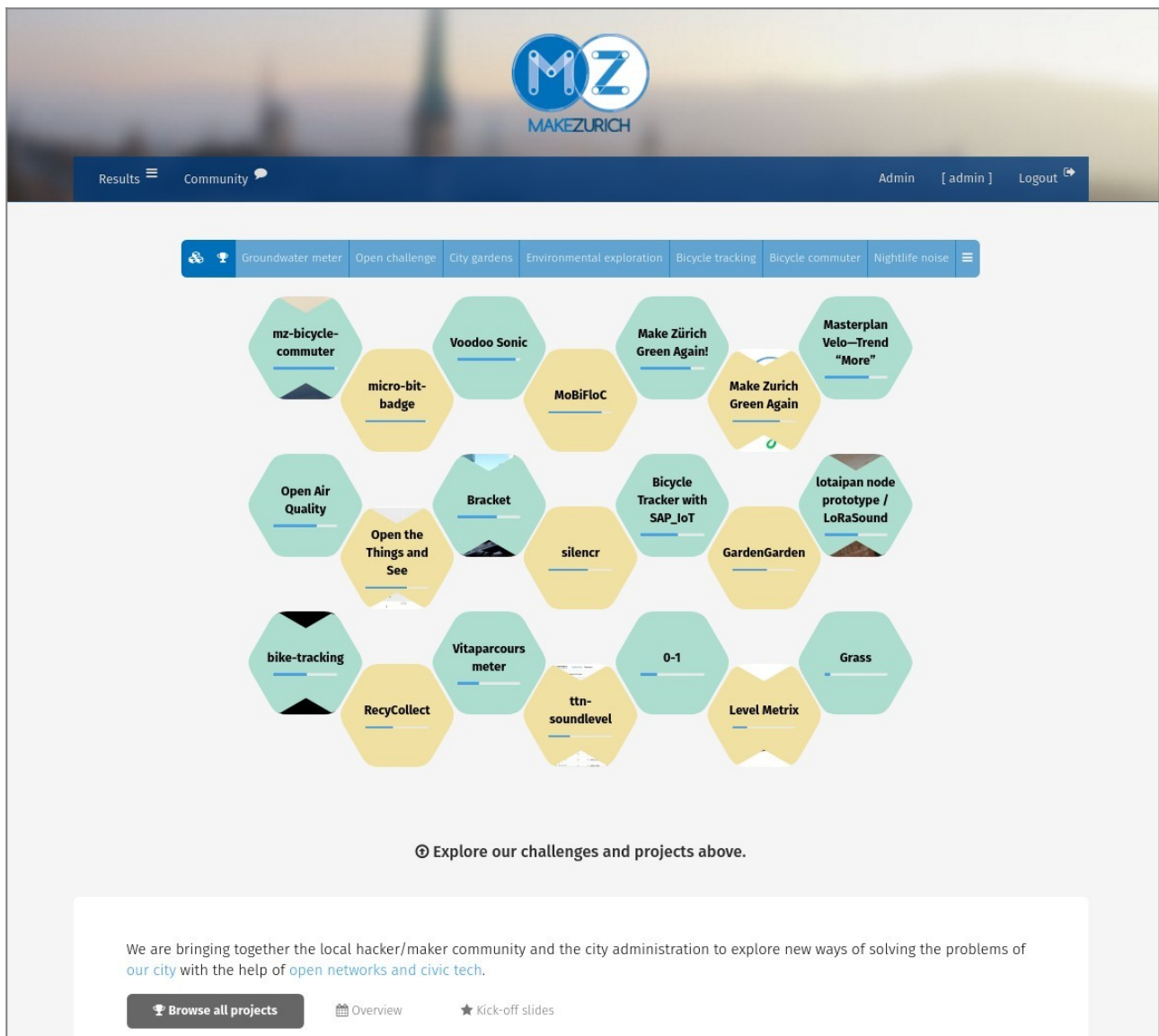


2015 – 2020

On the following pages are reference deployments with background details







*The community of interest around the Internet of Things is at the core of dribdat.*

## MakeZurich


**User:** Open Network Infrastructure Association

**Application:** <http://now.makezurich.ch/>

**Discussion:** <https://forum.schoolofdata.ch/t/22-30-6-makezurich-2018>

**Integrations:** Slack, GitHub, The Things Network





# Open Food Hackdays Basel

February 16 - 17, 2018  
Alte Markthalle

[Edit](#)
Prototyping
28
[JOIN](#)


## GrabFast


Effective shopping experience

[Contact](#)


Running short of time and still have to shop? With GrabFast we enable you to Grab the food of your wish Fast and reduce shopping chaos.

GrabFast #foodopendata



Connect to our community on  [Mattermost](#) | [Twitter](#) | [Facebook](#)

All attendees, sponsors, partners, volunteers and staff at our hackathon are required to agree with the [Hack Code of Conduct](#). Organisers will enforce this code throughout the event. We expect cooperation from all participants to ensure a safe environment for everybody.



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*From 2016, dribdat became the official platform of Opendata.ch hackathons around Switzerland.*

## Open Data Hackdays

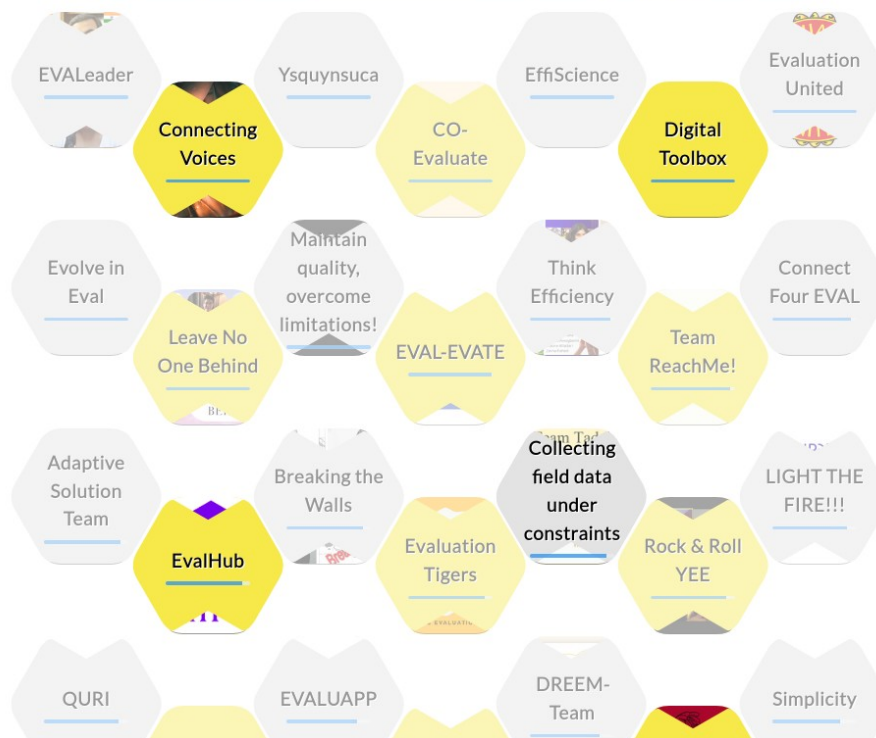
**User:** Opendata.ch, Swiss Chapter of Open Knowledge

**Application:** <http://hack.opendata.ch/>

**Discussion:** <https://blog.datalets.ch/039/>

**Integrations:** Datacentral, CKAN, Discourse, GitHub, Slack





## Evaluation Hackathon

**User:** International Program for Development Evaluation Training

**Application:** <https://evalhack.org/>

**Discussion:** <https://opencollective.com/dribdat/updates/a-season-of-hackathons>

**Integrations:** Slack, Disqus, YouTube



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On Feb. 21 and 22, Switzerland's first Multilingual Media Hackathon took place in Bern at the newsroom of SWI swissinfo.ch, the international service of the Swiss public broadcaster SRG-SSR. **Many thanks to all involved!** There is [documentation](#) here, live streamed [presentations](#) (YouTube), and commentary on [social media](#) (Twitter) to explore. For more details, [visit our website](#).

## Multilingual Media Hackathon

**User:** Swissinfo

**Application:** <https://db.schoolofdata.ch/project/58>

**Discussion:** <https://blog.datalets.ch/065/>

**Integrations:** CodiMD, GitHub, YouTube




**Stadt Zürich**


IMPACT  
HUB Zürich  
entrepreneurs, innovates, techies.

Climathon

Zürich

Results
Community
Admin
[ Odata ]
Logout



#RenewableEnergy
#UrbanSpaces
#TrackToAdapt
#FoodForClimate

sodabot
weliketurtles
9oneteam
EnCom

team1 y7k
11green together
happyfarmer
13energynow

woctm
themosscape
51kg
12smartmoto

4challenge\_ac
8zurishade
productionloi

Explore our challenges and projects above.

Climathon is a global 24-hour Hackathon which will take place simultaneously in more than 50 cities around the world on 28 October 2016. The word "hack" is used to describe how multiple technologies can be used together in a new and innovative way, which is what we will be doing during Climathon

## Climathon Zurich

**User:** City of Zürich

**Application:** <http://hack.opendata.ch/event/4>

**Discussion:** <https://blog.datalets.ch/023/>

**Integrations:** Slack, Hubot (sodabot), GitHub







Image courtesy of [Impact Hub Zürich](#)

Dribdat's first release, designed in cooperation with the Swisscom Pirate Hub.

## Internet of Things Hackathon

**User:** Swisscom

**Application:** <https://datalets.ch/dribdat/iot-2015/>

**Discussion:** <http://blog.utou.ch/2015/an-internet-of-open-things-to-tell-stories/>

**Integrations:** Slack, GitHub, Twitter, Instagram, Heroku, custom hardware

