

Google+ JSON Takeout



```
~/Downloads/Takeout/Stream in Google+/Beiträge> cat '20181101 - +++ #net2o Import von Google+_Avatare_.json'
{
  "url": "https://plus.google.com/+BerndPaysan/posts/P6cIHfAJgpy",
  "creationTime": "2018-11-01 17:51:40+0100",
  "updateTime": "2018-11-01 17:51:40+0100",
  "author": {
    "displayName": "Bernd Paysan",
    "profilePageUrl": "https://plus.google.com/+BerndPaysan",
    "avatarImageUrl": "https://lh3.googleusercontent.com/a-/AN66SAYasgooyZqekQoDpOfmBKall3N1-jLFuEl43iAg=s64-c",
    "resourceName": "users/114829517704693241828"
  },
  "content": "<b>+++ </b><b><a rel=\"nofollow\" class=\"ot-hashtag bidi_isolate\" href=\"https://plus.google.com/s/%32net2o/posts/\" >#net2o/<a/><b><b> Import von Google+: Avatar
```

Facebook JSON takeout

```
~/Downloads/Facebook/posts> cat your_posts.json
{
  "status_updates": [
    {
      "timestamp": 1539297571,
      "attachments": [
        {
          "data": [
            {
              "media": {
                "uri": "photos_and_videos/videos/10000000_1829816733782306_2429950629012045824_n_10215835485911416.mp4",
                "creation_timestamp": 1539297649,
                "media_metadata": {
                  "video_metadata": {
                    "upload_timestamp": 0,
```

Status

- + Bulk importer for Google+
- Bulk importers for Facebook/Twitter/Blogger/etc.
- + Use avatars to display users's ID
- + Markdown renderer
 - Album viewer
 - Movie player
- Key handover to contact in net2o world (temporary keypair)
- + Mark imported keys as not trustworthy

Twitter JSON takeout

```
~/Downloads/Twitter> cat tweet.js
window.YTD.tweet.part0 = [ {
  "retweeted" : false,
  "source" : "<a href='\"https://mobile.twitter.com\"' rel='\"nofollow\"'>Twitter Lite</a>",
  "entities" : {
    "hashtags" : [ ],
    "symbols" : [ ],
    "user_mentions" : [ {
      "name" : "daimbag101",
      "screen_name" : "marco_keule",
      "indices" : [ "0", "12" ],
      "id_str" : "3353806857",
      "id" : "3353806857"
    }, {
      "name" : "Karl Lauterbach",
      "screen_name" : "Karl_Lauterbach",
```

The non-technical problems

- Get your contacts over to net2o
- How to make a social network a nice place?
- Funding of net2o?

Blogger Atom feed takeout

```
~/Downloads/Takeout/Blogger/Blogs/Bernds Blog> cat feed.atom
<?xml version='1.0' encoding='utf-8'?>
<feed xmlns='http://www.w3.org/2005/Atom' xmlns:blogger='http://schemas.google.com/blogger/2018'>
  <id>tag:blogger.com,1999:blog-408168245790957392</id>
  <title>Bernds Blog</title>
  <entry>
    <id>tag:blogger.com,1999:blog-408168245790957392.post-94038096732765326</id>
    <blogger:type>POST</blogger:type>
    <blogger:status>LIVE</blogger:status>
    <author>
      <name>Bernd</name>
      <uri>https://plus.google.com/114020517704693241820</uri>
      <blogger:type>BLOGGER</blogger:type>
    </author>
    <title>Nach Suzhou</title>
```

net2o: things to do

The incomplete list of incomplete things:

1. Shorter connection setup with NAT traversal
2. Two-stage DHT to separate identity from queries
3. Complete the payment system (+ add support for ticket systems)
4. GUI-only operation must be possible
5. Markdown to presentation converter

Things needed for import

- JSON parser, XML parser, HTML parser
- JSON/XML schemas for all those exports
- HTML to Markdown converter
- Downloader for missing parts (e.g. avatar photos)
- Temporary secret keys for all those other authors

Literatur & Links

Bernd Paysan *net2o fossil repository*
🔗 <https://net2o.de/>

Stefan Krempel *Innenminister Seehofer wünscht sich digitale Wanzen im Wohnzimmer*
🔗 <https://heise.de/-4449720>

Information is beautiful *World's Biggest Data Breaches & Hacks*
🔗 <https://informationisbeautiful.net/visualizations/worlds-biggest-data-breaches-hacks/>

Marvin Strathmann *Hallo Mark, viel Spaß mit Deinen Erinnerungen auf Facebook 2018*
🔗 <https://heise.de/-4254681>



Social Networks in net2o

Texts	as markdown
Images	JPEG, PNG
Movies	mkv/webm
Timeline	Chat log with link to DVCS project
Posting	DVCS project, keeping data+comments together
DVCS project	Chat log with link to patchsets/snapshots
Reshare	Fork+added posting+log message in own timeline
Comment	Fork+added posting+pull request
Likes	Chat log messages directly in DVCS project