Instructions for Updating the Sendai Logic Homepage

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Short description of sendailogic.com:

- The site is hosted using `github pages` (https://pages.github.com). Using github makes it also easy to update the site and revert any changes if necessary.

- It is currently generated using the static site generator `hugo` (gohugo.io).

- It can be accessed via sendailogic.com or sendailogic.github.io .

- The github folder is at

    https://github.com/sendailogic/sendailogic.github.io.

0.1   Basic setup

Here I explain the basic setup for MacOS. I don't use Windows, but a similar workflow should be possible.

- First install `homebrew` from (brew.sh). This is a package manager for MacOS.

- Next we install `hugo` using `homebrew`. In a terminal window, execute

    ```
    brew install hugo
    ```

I recommend using `homebrew` (brew.sh) to install `hugo` and `git`. On Windows, I have no idea how to do these things. Whoever is able to do it teach me. The commands use relative paths from the folder `sendailogic.github.io`.

Note: this document assumes basic knowledge about using the command line of your operating system. Any tutorial should give you enough information in order to use it.

1   Commands for `hugo`

`hugo` is a static site generator. In order to update the Sendai Logic website, one only needs to write some simple files and compile the site using `hugo`.

The contents of the site are in the folder `sendailogic-hugo-source/content`. A new post (for a seminar or event) will be a file `yyyy-mm-dd.md` on the folder `sendailogic-hugo-source/content/post`. The simplest way to generate a file is copying an existing file and modify it. The standard template for a post is

```
+++
title = "yyyy.mm.dd. speaker"
date = yyyy-mm-dd
description = "presentation title"
+++
presentation title

<!--more-->

- Date/Time: Month dd, yyyy (Friday) / 16:00 - 17:00

- Speaker: Speaker (University)

- Venue: Rm 1201, Science Complex A, Tohoku Univ.

- Abstract: Abstract
```

Note: the `date` field is the date of the creation of the file. The date in the `title` field is the day of the presentation. If `date` is some date in the future, the seminar page *will not appear on the front page*.

To edit the site, we use

```
hugo server -s sendailogic-hugo-source
```

This command is used to test the site. This will start a server and the site will be accessible from localhost:1313/ . If a file is modified while the server is running, the changes will be visible from the above link.

To compile the site, use

```
hugo -s sendailogic-hugo-source -d ./..
```

After editing the file, we upload the changes using `git`.

2 Commands for `git`

See any introduction for `git` for a complete introduction.

To download the file for the first time use

```
git pull "https://github.com/sendailogic/sendailogic.github.io.git"
```

To update the site from the second time on, use

```
git pull origin master
```

To see the current changes on the files, use

```
git status
```

To add (or remove) new files to a commit use

```
git add file.ext
```

To add all files currently tracked that were modified use

```
git add -u
```

We use

```
git commit -m "messege"
```

bundle the changes in a commit. In place of `messege` write a short and clear description of the change. In case there are many modifications to be made it may be useful to separate the changes into multiple commits. At last, use

```
git push origin master
```

to upload the changes to GitHub.

Note that to upload changes you need to be logged into GitHub. For instruction see https://docs.github.com/en/github/using-git/caching-your-github-credentials-in-git. If you are updating from a shared computer, please log out after updating the site. Also, use your own account to update the site and not the Sendai Logic shared account.