MAGNET website instructions

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Introduction

In order to share information about the MAGNET model, related publications, projects and blogs, and team members, we want to create a new MAGNET website. The proposed website will be build using a combination of Hugo and RStudio. We have chosen for this approach over other options, such as Wordpress, because it is relatively simple to create an 'academic' website that has all the basic features to showcase our work, in particular:

- Overview of publications that can easily be updated
- Search function
- Tags
- Overview of team members
- Possibility to easily add equations

Furthermore, building and updating the website resembles working with MAGNET as it involves (basic) coding and versioning and therefore should fit very well with DNA of the MAGNET team. More specifically, to build the website, one needs to use Markdown language, which resembles LATEX (but much simpler), which is subsequently rendered into a html that produces the website. More information on the approach can be found here:

- Demo of academic website
- How to build an academic site with Hugo
- How to build an Hugo website using the R Blogdown package
- Example of personal website build using the proposed approach
- Draft MAGNET website

Ways of working

To start, we propose that 3-4 MAGNET team members will be responsible for the technical part of the website, i.e. uploading content, versioning updates and creating the website. We would appreciate if all MAGNET team members could deliver basic content in a specific format (see below), such as a mini-biography, list of MAGNET-related publications and summaries from ongoing and past (key) projects to create a first version of the website. Note that, in principle each team member is able to update the MAGNET website after installing software and setting up the system. Please contact me if you are interested to do this.

Apart from the basic information about team members and projects, it is essential we add a description of the MAGNET model and the MAGNET consortium. We need to decide how and by whom this will be done.

In addition, we need to think about a way to keep the website up-to-date. One option would be to continuously update the website, for example, by adding project summaries when a projects start, adding new publications after they are published and preparing new blog posts to highlight recent findings or innovations. Another option would be to update the website every year at a fixed moment, e.g. after the summer holidays. A combination of the two is also possible. This is up for discussion with the team.

What to prepare?

To create a first version of the website, we need to following four files from each team member (also see table):

- *Personal information.* All personal information (except for the picture) is stored in _index.md. Please update the following items only: (1) title, (2) role, (3) interests, (4) education, (5) social (remove the entries that are not relevant for you, e.g. linkedin), (6) cv (use your name in filename), (7) biography (add your own). The files use Markdown which is a general markup language that can be used to layout text, add equations, etc For examples see here. For a cheatsheet with the main options see here.

- *Picture/avatar.* Save your picture as 'avatar.jpg'

- *CV.* Save your cv as '[your full name].pdf' (see note on which name to use below!).

- *Publications.* We want to create one file with all MAGNET related publications, which can be uploaded to the website. Reference software such as Mendeley, Endnote or Zotero can save a reference list in bibtex (.bib) format. In case you use this type of software please save the reference list as '[your full name].bib'. In case you are not using reference software, provide a Word file but, where possible, add the DOI of each publication.

Table 1: MAGNET website files needed for each team member

Item	File	Note
Personal information	_index.md	Flat text file that can be opened with notepad, Word, etc.
Picture/avatar	avatar.jpg	Make sure your face is more or less in the middle
CV	[your name in lowercase].pdf	Layout is free
MAGNET publications	[your name in lowercase].bib	Bibtex file that can be created with Zotero, Mendeley, Endnote, etc.

Please store the requested file in the WEBSITE 2020 folder on the sharepoint. For the link click here. We will use this location to collect all information for the website.

To prepare your files, do the following:

- Create a new subfolder using your full name (lowercase) as folder name in the `team` subfolder. Note that the name of this folder will be used as user name to make automatic links with your name in the publications list. Similarly, your user name will also be used to identify your cv and other files that belong to your file. Hence, each time when you have to add your name (i.e. folder name, in the _index.md file, CV file name, bib file and possibly more locations) always write it in the same way and preferably use 'the version' that is most frequently used in your publications (e.g. full name without initials of middle name). In case this differs across publications, it is possible to edit the reference file in order to use one standardized version based on the user name. It is allowed to use spaces in user name (and file names) but use lowercase only.
- Copy the files from the `_template` folder to your own folder.
- Update the `_index.md` file and replace the `avatar.jpg`, `[your name].pdf` and `[your name].bib` files

Regularly (e.g. every six months) we will copy these files to right location in the website folder after which the website will be automatically updated. We can easily make additional updates so please inform us if you have made changes to your profile (or other parts of the website) and want these to be copied to the website.

Questions

Please do not hesitate to contact me if anything is unclear, you want to update the MAGNET website yourself using Hugo/RStudio or if you want to create your own personal website.

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