Precheck Milestone

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1. Create and modify a local Caravan/Caravel repository ①
2. Create a project at the Efabless website ②
3. Link your repository ① with your project ②
4. Launch precheck
1. Create and modify a local Caravan/Caravel repository

**Recommended Workflow**

- Create your own public github repo (my_chip)

- Clone efabless/caravel_user_project into a local folder

```
> mkdir my_chip
> git clone https://github.com/efabless/caravel_user_project my_chip
```

- Make efabless/caravel_user_project the **upstream** for your local repo

```
> cd my_chip
> git remote rename origin upstream
```

- Change the **origin** of your local repo to my_chip

```
> git remote add origin git@github.com:your_github/my_chip
> git checkout -b mpw5
> git push -u origin mpw5
```

- “Getting Started with Open MPW and chipIgnite” @Efabless Youtube channel (~minute 36):
  https://youtu.be/vJqP7ZR0Nrl?si=Am9tJkKTEp4jrG3c

- For analog projects, use the CARAVAN repository:
  https://github.com/efabless/caravel_user_project_analog

- For digital projects, use the CARAVEL repository:
  https://github.com/efabless/caravel_user_project
• Go to https://platform.efabless.com/
• You need to create an account (e.g. linked to Github account)
• In the main page, search for the CI 2311 chipignite tapeout
• Click on “Start Project”
2. Create a project at the Efabless website

- Add title starting with **UNIC-CASS_precheck_[project_name]** - we may need to erase the project later
- Choose visibility: public
- Add short description
- No need to add URL
- Make sure shuttle is CI 2311
- You can add labels and an image (optional)
3. Link your repository ① with your project ②

- You will be redirected to an “Overview” page of your project
- Follow the instructions to link your github repository to your Efqbless project
- 3 options, including needed commands:
  - starting a brand new project without a local repository
  - already have a local Git repository, initialized with git init
  - already have a remote repository, for example one on GitHub
4. Launch precheck

- Go to https://platform.efabless.com/
- Detailed video @Efabless Youtube channel: https://www.youtube.com/watch?v=HI8tzyzQHPw
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- Precheck should last ~10 minutes
- Idea: use commit code for precheck/tapeout job name
• This is the standard procedure for Efabless precheck/tapeout
• You can find more info in the OSS Slack: https://open-source-silicon.slack.com/
  • there’s also a ‘precheck’ channel
• You can post your questions at the UNIC-CASS Slack: https://unic-cass.slack.com/
• TAKE ENOUGH TIME TO UNDERSTAND AND EXECUTE THE PRECHECK STEP
• Your need to provide a copy of your passing precheck report to fulfill this milestone
Thank you