**ENAC Open Software & Research Scripts – Research Service Grants**
Application Form

1. **Project title :**

*This application refers to:*[ ]  an existing software [ ]  research scripts to package

Link to code repository or website :

1. **PI (Main researcher’s name, lab) :**
2. **Abstract** (max. 250 words, may contain links)

*Describe the main expected results and impact of the open software, in the scientific field and for society.*

1. **Content** (min. 250 words, may contain links)
	1. **Description of the software/research scripts**

*Research background; main current scientific issues the software is supporting with.*

* 1. **Audience and users**

*Who uses or will use this software/scripts? Detail the community of users; quantify where possible.*

* 1. **Current status and technologies used**

*How much of the software is developed? What programming languages (include version) is the source code in?*

* 1. **Expected output of the project with ENAC-IT4Research and next steps**

*Describe the expected output/end state of the software. Also describe the dissemination, open science and outreach strategy. If relevant, describe the strategy for obtaining future funding.*

* 1. **Implementation : Tasks supported by this grant**

*Check tasks relevant in the column corresponding to the entity responsible for each aspect.*

|  |  |  |
| --- | --- | --- |
|  | **ENAC-IT4R** |  **Lab** |
| Coding optimization  |  |  |
| Scripts migration (e.g., *Fortran to Python. Python 2 to Python 3…)* |  |  |
| Dependencies handling |  |  |
| Version control set-up (code storage, collaborative practices etc.) |  |  |
| Publication pipeline set-up (tests, CI/CD, packaging) |  |  |
| Documentation review and automation  |  |  |
| Coding good practices enforcement (coding conventions, static analysis…) |  |  |
| GUI (User interface) development |  |  |
| Dissemination plan (user support, website, open software publication etc.) |  |  |

* 1. **Maintenance plan**

**☐ Maintenance by the lab.** *This project is a one-off collaboration with ENAC-IT4R to set-up the code publishing pipeline. Technical maintenance will be taken on by the research lab.*

**☐ Maintenance by ENAC-IT4R.** *This project includes continued technical maintenance of the software by ENAC-IT4R. Note that domain-related maintenance (e.g., non-technical user support, integration of new methods) must be taken care of by the researchers. Maintenance by ENAC-IT4R may result in charge to the lab after the first years of maintenance covered by this grant.*

**Signatures**

*the applicants signing below commit to collaborating with ENAC-IT4R, providing all necessary input, time, data and code required to fulfill the project, should the proposal be granted.*

 **Main researcher Lab director**