

Dear All,

Finally, let me introduce the **installation of MadAnalysis 5**.

Now, you will complete the setup of MadGraph, FeynRules, CalcHEP, and MadAnalysis.

For MadAnalysis, I recommend doing this after the successful running of MadGraph.

MadAnalysis is useful to see the kinematical distributions quickly.

Installation for MadAnalysis.

1) Open the MadGraph query session by:

```
(base) yamashitakimikos-MacBook-Pro:MG5_aMC_v3_4_1 kimiko-y$ pwd
/Users/kimiko-y/TOOL/CAU_Tutorial/MG5_aMC_v3_4_1
(base) yamashitakimikos-MacBook-Pro:MG5_aMC_v3_4_1 kimiko-y$ ./bin/mg5_aMC
*****
*
*                      W E L C O M E to
*          M A D G R A P H 5 _ a M C @ N L O
*
*
```

2)

type

"install MadAnalysis5"

```
|MG5_aMC>install MadAnalysis5
  You are installing 'MadAnalysis5', please cite ref(s): arXiv:1206.1599.
  Downloading the HEPToolInstaller at:
    http://madgraph.mi.infn.it/Downloads/HEPToolsInstaller/HEPToolsInstaller_V168.tar.gz
  Now installing madanalysis5. Be patient...
  Detected 'madanalysis5' missing dependency: 'zlib'. Will install it now.
```

It a bit takes time to finish it (but not so long).

That's all for the setup.

Thank you very much, and see you this Thursday!

(Let us know when you're stuck for the setup. Many situations that we need to solve can be considered)

Best regards,

Kimiko