

Test Cheat Sheet

Version: 0.1.0



/ Launch PyAEDT

Launch an HFSS instance locally:

```
import pyaedt
# test
hfss = pyaedt.Hfss(specified_version="2023.2",
    non_graphical=False,
    new_desktop_session=True,
    projectname="Project_name",
    designname="Design_name")
```

```
hfss.release_desktop()
```

/ Variable class

The *hfss.variable_manager* class handles all variables.

Create a variable that only applies to this design:

```
hfss["dim"] = "1mm"
```

/ Material classes

The *hfss.materials* class is used to access the materials library.

```
my_mat = hfss.materials.add_material("myMat")
my_mat.permittivity = 3.5
my_mat.conductivity = 450000
my_mat.permeability = 1.5
```

/ Launch PyAEDT

Launch an HFSS instance locally:

```
import pyaedt
hfss = pyaedt.Hfss(specified_version="2023.1",
    non_graphical=False,
    new_desktop_session=True,
    projectname="Project_name",
    designname="Design_name")
```

Exit your local instance:

```
hfss.release_desktop()
```

/ Variable class

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```
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```

References from PyAEDT documentation

- [Getting Started](#)
- [HFSS](#)
- [Q3D](#)