

Handling of software environments with module comand

Listing of software environments

How can I list all available software environments?

```
module avail or module av
```

How can I list my software environments?

```
module list or module li
```

How can I list a specific software environments?

```
module avail matlab or module av matlab
```

```
module avail intel or module av intel
```

How can I get deeper information of a specific software environment?

```
module whatis matlab/v2021b
```

```
module show intel/v2019
```

```
module display comsol/v60
```

Load/Unload of software environments

How can I set (load) a specific software environments?

```
module load matlab/v2020b
```

```
module load intel/v2020
```

Hint: Please check with `module av matlab` for an existing environment!

How can I unset (unload) a specific software environments?

```
module unload matlab/v2020b
```

```
module unload intel/v2020
```

Hint: Please check with `module av matlab` for an existing environment!

How can I unload all (!) software environments in the current terminal

```
module purge
```

It is recommended to load only the necessary software environments in an interactive terminal and in a batch job:

```
module purge; module load ansys/v2022r1
```

```
module purge; module load comsol/v60 matlab/v2020b
```

How can I get more help to the module command?

```
module help man module
```

From:

<https://www1.tu-ilmenu.de/hpcwiki/> - hpcwiki

Permanent link:

<https://www1.tu-ilmenu.de/hpcwiki/doku.php?id=module&rev=1644233889>

Last update: **2022/02/07 12:38**

