Sorry for the long time without answer (I wasn't quite healthy).
I tried different ideas using maxima in jupyter, but without success. What follows here in short form are dialogues with terminal. These dialogs are stored in files with the name **20190530_2.odt** e.g.

20190530_2.odt

roberts-macbook-pro:maxima-jupyter-master roebi$ python3 ./install-maxima-jupyter.py --root=`pwd`

Maxima-Jupyter -- an enhanced interactive Maxima shell
CL-Jupyter (C) 2014-2015 Frederic Peschanski (cf. LICENSE)
Additional Maxima-specific stuff by Robert Dodier; thanks Frederic!
----
maxima-jupyter: installation complete.

roberts-macbook-pro:maxima-jupyter-master roebi$ jupyter notebook
if maxima selected, jupyter responds Kernel error

20190530_3.odt

roberts-macbook-pro:Documents roebi$ jupyter console --kernel=maxima.
[ZMQTerminalIPythonApp] ERROR | Failed to run command:
['maxima', '--very-quiet', '--preload-lisp=/Users/roebi/Documents/maxima-jupyter-master/load-maxima-jupyter.lisp', '--batch-string=jupyter_kernel_start("/Users/roebi/Library/Jupyter/runtime/kernel-1408.json")$']

20190530_4.odt

If I click on the button Kernel error in jupyter, then jupyter responds as follows:

Traceback (most recent call last):
  File "/usr/local/lib/python2.7/site-packages/tornado/web.py", line 1592, in _execute
    result = yield result
… etc

20190531_find_maxima.odt

SageMath uses maxima too?

roberts-macbook-pro:Documents roebi$ find / -name maxima
find: /usr/sbin/authserver: Permission denied
/usr/local/share/jupyter/kernels/maxima
find: /.Spotlight-V100: Permission denied

/SageMath/local/bin/maxima
/SageMath/local/libexec/maxima
/SageMath/local/lib/maxima
/SageMath/local/lib/maxima/5.35.1/binary-ecl/maxima
/SageMath/local/share/maxima
/SageMath/build/pkgs/maxima

…
/Users/roebi/.sage/maxima

…
/Applications/Maxima.app/Contents/Resources/opt/bin/maxima
/Applications/Maxima.app/Contents/Resources/opt/libexec/maxima
/Applications/Maxima.app/Contents/Resources/opt/lib/maxima
/Applications/Maxima.app/Contents/Resources/opt/share/bash-completion/completions/maxima
/Applications/Maxima.app/Contents/Resources/opt/share/maxima

/Applications/SageMath-8.4.app/Contents/Resources/sage/local/bin/maxima
/Applications/SageMath-8.4.app/Contents/Resources/sage/local/libexec/maxima
/Applications/SageMath-8.4.app/Contents/Resources/sage/local/lib/maxima
/Applications/SageMath-8.4.app/Contents/Resources/sage/local/lib/maxima/5.41.0/binary-ecl/maxima
/Applications/SageMath-8.4.app/Contents/Resources/sage/local/share/bash-completion/completions/maxima
/Applications/SageMath-8.4.app/Contents/Resources/sage/local/share/maxima
/Applications/SageMath-8.4.app/Contents/Resources/sage/build/pkgs/maxima

20190601_1.odt

jupyter console --kernel=maxima

…

File "/usr/local/Cellar/python/3.7.3/Frameworks/Python.framework/Versions/3.7/lib/python3.7/subprocess.py", line 1522, in _execute_child
  raise child_exception_type(errno_num, err_msg, err_filename)
FileNotFoundError: [Errno 2] No such file or directory: 'maxima': 'maxima'

20190604_2.odt

roberts-macbook-pro:Documents roebi$ python3 -m pip install --upgrade pip

…
Successfully installed pip-19.1.1

roberts-macbook-pro:Documents roebi$ python3 -m pip install jupyter

…
Requirement already satisfied: attrs>=17.4.0 in /usr/local/lib/python3.7/site-packages (from jsonschema!=2.5.0,>=2.4->nbformat>=4.4->nbconvert->jupyter) (19.1.0)

roberts-macbook-pro:Documents roebi$ jupyter notebook

…
[I 11:20:00.619 NotebookApp] Creating new notebook in /Python/Jupyter
[E 11:20:02.152 NotebookApp] Failed to run command:
  [u'maxima', u'--very-quiet', u'--preload-lisp=/Users/roebi/Documents/maxima-jupyter-master/load-maxima-jupyter.lisp', u'--batch-string=jupyter_kernel_start("/Users/roebi/Library/Jupyter/runtime/kernel-c06fbaa4-201f-4fec-91d0-c9c62aa755cf.json")$']
    PATH='/usr/local/bin:/usr/local/bin:/usr/bin:/bin:/usr/sbin:/sbin:/Users/roebi/bin:/usr/local/Cellar/gettext/0.19.8.1/bin/:/Applications/Mathe-matica.app/Contents/MacOS/:/usr/local/share/jupyter/kernels/maxima:/SageMath'
    with kwargs:
  {'cwd': u'/Users/roebi/Documents/Python/Jupyter', 'stdin': -1, 'preexec_fn': <function <lambda> at 0x10a98d8c0>, 'stderr': None, 'stdout': None}

[E 11:20:02.161 NotebookApp] Uncaught exception POST /api/sessions (::1)
  HTTPServerRequest(protocol='http', host='localhost:8888', method='POST', uri='/api/sessions', version='HTTP/1.1', remote_ip='::1')
  Traceback (most recent call last):
    File "/usr/local/lib/python2.7/site-packages/tornado/web.py", line 1592, in _execute
      result = yield result

why comes python2.7?
…

20190608_3.odt

roberts-macbook-pro:~ roebi$ jupyter --paths
config:
  /Users/roebi/.jupyter
  /usr/local/Cellar/python@2/2.7.16/Frameworks/Python.framework/Versions/2.7/etc/jupyter
  /usr/local/etc/jupyter
  /etc/jupyter
data:
  /Users/roebi/Library/Jupyter
  /usr/local/Cellar/python@2/2.7.16/Frameworks/Python.framework/Versions/2.7/share/jupyter
  /usr/local/share/jupyter
  /usr/share/jupyter
runtime:
  /Users/roebi/Library/Jupyter/runtime

roberts-macbook-pro:~ roebi$ jupyter kernelspec list
Available kernels:
  python3   /Users/roebi/Library/Jupyter/kernels/python3
  maxima   /usr/local/share/jupyter/kernels/maxima
  python2   /usr/local/share/jupyter/kernels/python2

roberts-macbook-pro:~ roebi$ jupyter console --kernel=maxima
[ZMQTerminalIPythonApp] ERROR | Failed to run command:
['maxima', '--very-quiet', '--preload-lisp=/Users/roebi/Documents/maxima-jupyter-master/load-maxima-jupyter.lisp', '--batch-string=jupyter_ker-nel_start("/Users/roebi/Library/Jupyter/runtime/kernel-3470.json")$']
    PATH='/usr/local/bin:/usr/local/Cellar/pyenv-virtualenv/1.1.3/shims:/Users/roebi/.pyenv/shims:/usr/local/bin:/usr/bin:/bin:/usr/sbin:/sbin'
    with kwargs:
{'stdin': -1, 'stdout': None, 'stderr': None, 'cwd': None, 'start_new_session': True}
…

I tried also python3 in a virtual environment but when I open New Notebook -> Maxima jupyter

responds Kernel error.