Rune tips

Bootstrap on Rune

```
from rune.query import Rune
from rune.r egistry import serpe_ factory
from rune.h elpers import druid_ hos t_t o_c onn ection
SerpeF actory = serpe_ fac tory()
sr = SerpeF act ory (dr uid _ho st_ to_ con nec tio n(' htt p:/ /lo cal hos t:8 082'), 'ouigo')
rune = Rune(sr)
```

The rune object has execute_native_to_df and execute_sql_to_df methods.

Native queries

`execut e_n ative` or `execut e_n ati ve_ to_df` have the same interfaces.

First argument: the table you want to query; taken from serpe object (ie:`sr.ser pe.f ac t_p ass eng er_ event`).

Optional arguments:

intervals: List[str], pre-filter on `__time` column. Must be specified most of the time, allows great optimization.

columns: List[Union[str, SerpeEntity]], columns you want to select. You can put either strings or objects from serpe.

where: conditions on objects taken from serpe. Ex: `sr.ser pe.d ep art ure _da tetime >= '2019- 01-01`

Check rune documentation for other args: timeout, limit, priority, querytype, use_cache, ...

Example:

```
rune.e xe cu t e _n ati ve _ t o_ df( sr.s er pe.f a c t _p ass en g e r_ event, column s= [ -
' de par tu r e _d ate ti me'], where= sr.s er pe.s e r v ic e_n umber == 7699, limit=10, interv
al s = [' 201 8- 0 1 -0 1/2 01 8 - 01 -02'])
```

How to use CLI?

```
rune ouigo --druid-host http://localhost:8082
```

rune --help if you want more information

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