R Kernel in Jupyter

Installing R in Conda

Step 1: Create a New Conda Environment for R

```
conda create --name r-test
conda activate r-test
```

```
conda install -c conda-forge r-base
```

Step 2: Install R Packages (using R interactive console)

Start R in the Conda environment

```
R
```

Install additional R packages from package repositories (e.g. CRAN) within the R console:

```
install.packages("ggplot2")
```

Step 3: Install `r-languageserver` (necessary for IDEs)

```
conda install r-languageserver -c conda-forge
```

Step 4: Verify installation path

Path to R

```
which R
```

Default Path to Libraries (in R console)

```
.libPaths()
```

Verify Installation

```
library(languageserver)
```

Installing R Kernel Dependencies

In your desired environment, enter in an interactive R console:

```
R
```

Install `IRkernel`, `repr`, `IRdisplay` packages:

```
install.packages(c('IRkernel', 'repr', 'IRdisplay'), type = '
```

Make the kernel available for jupyter:

```
IRkernel::installspec()
```