Here we test several functions.

> **import** *Plot.Histogram*
> **import** *Sampleable.Sampleable*
> **import** *qualified Sampleable.Dist as SDist*
> **import** *Control.Monad*
> **import** *qualified Data.ByteString.Lazy as B*
> **import** *Data.Csv*
>
> *main :: IO ()*
> *main =* **do**

Let's test the normal distribution.

> *normals ← sampleIO $ replicateM* 10000 $ *SDist.normal* 10 10
> *B.writeFile* `"./test/testFiles/normals.csv"` $ *encode* $ *histStep* 0.5 *normals*

And now let's plot the results from our test: