```
data::Data
    + data mat
    + sparse data mat
    + data mat ptr
    + penalty mat
    + knots
    + knot boundaries
    + XtX inv
    # data identifier
    # data type
    + Data()
    + setData()
    + getData()
    + setDataldentifier()
    + getDataIdentifier()
    + setDataType()
    + ~Data()
               #data_target
              #data source
blearnerfactory::Baselearner
          Factory
# blearner type
+ createBaselearner()
+ getData()
+ getDataIdentifier()
+ getBaselearnerType()
+ instantiateData()
+ initializeDataObjects()
+ ~BaselearnerFactory()
blearnerfactory::PSpline
      BlearnerFactory

    degree

n knots

    penalty

    differences

+ PSplineBlearnerFactory()
+ createBaselearner()
+ instantiateData()
```