```
                                              ┌──────────────────────┐
        ┌──────────────────────┐              │                      │
        │     HtmlElement      │◄─────────    │     HtmlBuilder       │
        │      (Content)       │              │                      │
        │  getContent():string │              │     setTitle()       │
        └──────────────────────┘              │     setHead()        │
                                              │     setBody()        │
                                              │      add(..)         │
                                              └──────────────────────┘

        ┌──────┐    ┌──────┐    ┌──────┐
        │  P   │    │  H1  │    │  H2  │
        └──────┘    └──────┘    └──────┘
                    ┌──────┐    ┌──────┐
                    │ Meta │    │ Title│
                    └──────┘    └──────┘

                    ┌──────────────────────┐
                    │      Container       │
                    │                      │
                    │ vector<HtmlElement*> │
                    │  getContent():string │
                    └──────────────────────┘

                    ┌──────┐    ┌──────┐
                    │ Head │    │ Body │
                    └──────┘    └──────┘
```

FACTORY METHOD:

HELPS IN LOOSE COUPLING

YOUR APPLICATION

DEPENDS ON/ USES-A

PRINTER
(INTERFACE)
FACTORY METHOD MAY
EXIST HERE ITSELF

FACTORY
METHOD
(USUALLY
PROVIDED BY
A FRAMEWORK)

CLASS
EPSON-PRINTER

CLASS
CANON-PRINTER

YOUR
APPLICATION

USING ORACLE API

VS

USING COMMON DB
API

TIGHT COUPLING

ORACLE

LOOSE
COUPLING

DATABASE
MANAGER

FACTORY METHOD
/
ABSTRACT FACTORY

MYSQL

SQLITE

```
Connection

AbstractFactory                                    descriiminator

MysqlConnection        MysqlFactory
                       MySqlConnection
                       MysqlStatement
        OracleConnection    MysqlResultSet

                                        OracleFactory
                                                                Application        oracle

Statement

MysqlStatement

        OracleStatement                                                           mysql

ResultSet

MysqlResultset

        OracleResultSet
```