

Coupling Symbol/Data

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1. Coupling Symbols to Data

A `JPLISymbol` enables the mapping between a char symbol and its corresponding datum via `JPLISymbolType`. A symbol type defines the symbol as its type name, its alphabet and is bounded to a data symbol manager. This property enable future interaction between a char in a sequence and the data handled by a data symbol manager.

This coupled data manager may pick and return the data from any symbol that respect the specific alphabet. For example `JPLAAManager` implements `lookUpDataFromSymbol` method and make the mapping.

2. Coupling alphabets to molecular pool

A `JPLISymbolManager` enables the mapping between a symbol and its molecule(s). It actually interacts directly with the molecular pool manager. For each given alphabet, it exists a coupled manager that picks the correct molecule from the specific symbol of the specific alphabet. For example `JPLAAManager` implements `lookUpDataFromSymbol` method and make the mapping.