```
CreateGraph[] := Join@@Array[CreateGraph, 11, 0];
CreateGraph@0 := {{MD[], MD[], "N/A"}};
CreateGraph@n Integer := CreateGraph@n =
   Block[{r,
     y = Join[Reverse@KnotSort@#[;; 2], {#[3]]}] &
         /@ (Join[#, {"Flype"}] &
             /@ Union @@
              (Flype@KnotAssociation[n]@# & /@
                CandidateKnots@n) []
           Flatten[Table[{{k, #,
                   "Reidemeister 3"} & /@
                ReidemeisterThree@k,
               {k, #, "2-Pass"} & /@ TwoPass@k},
              \{k, ValidKnots@n\}], 2]) \cup \{\}\},
    r = Join @@ Select[ConnectedComponents@
         Graph[#[1]] \leftrightarrow #[2] & /@y],
        Or @@ PassReducible /@# &];
    Sort[
     Select[y, ¬ MemberQ[r, #[1]] &], GraphSort]];
```