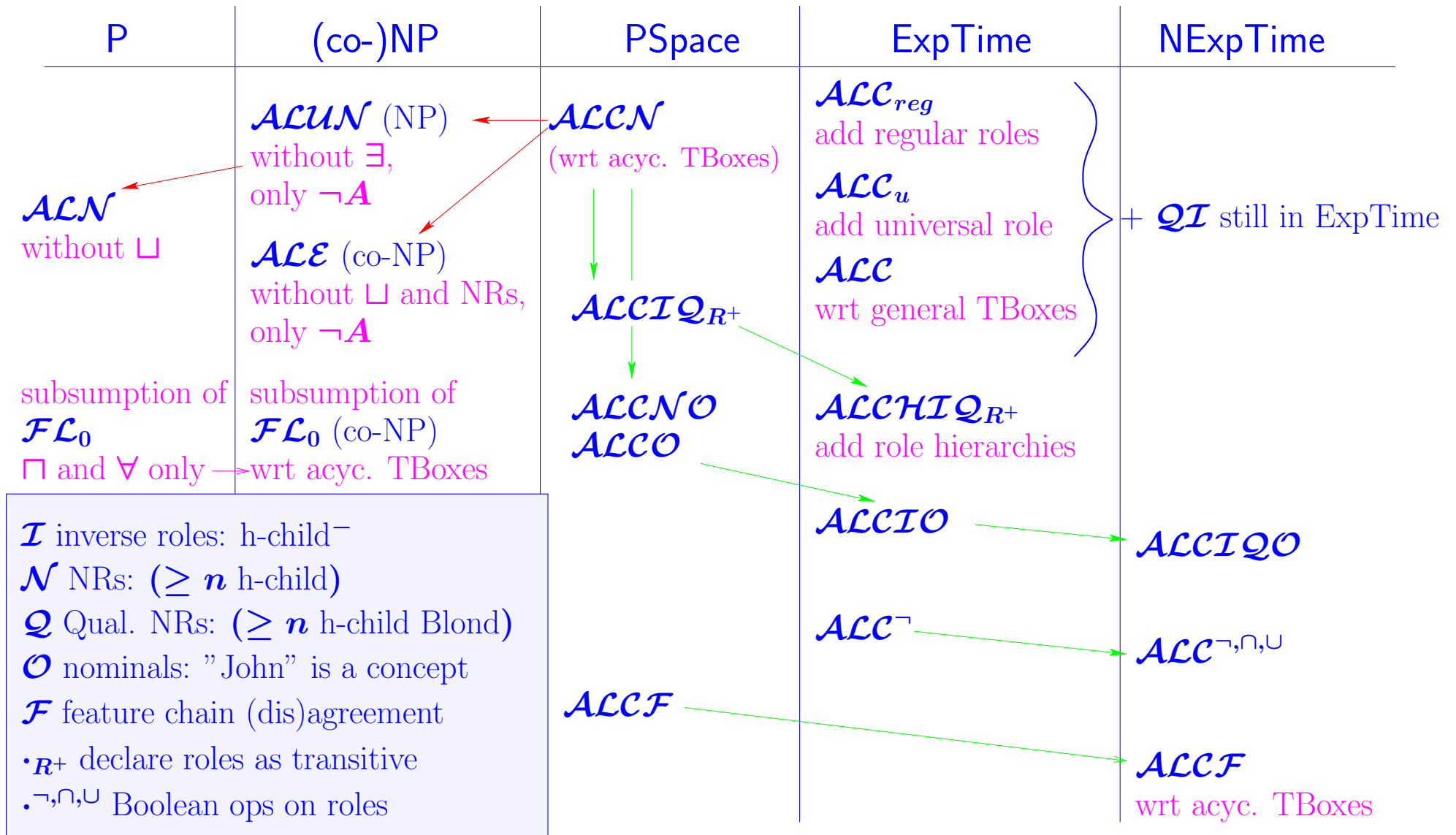


Complexity of DLs

Complexity of DLs: Overview of the Complexity of Concept Consistency



We left out a variety of complexity results for

- ⇒ **concept consistency of other DLs**
(e.g., those with “concrete domains”)
- ⇒ **other standard inferences**
(e.g., deciding consistency of ABoxes w.r.t. TBoxes)
- ⇒ **“non-standard” inferences such as**
 - matching and unification of concepts
 - rewriting concepts
 - least common subsumer (of a set of concepts)
 - most specific concept (of an ABox individual)