|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **ALC** | **DATALOG W C** | **DATALOG** | **ASP** | **OWL-DL** | **DL-LiteR** | **EL** | **RL** | **RDFS** |
| **INVERSE ROLE** | **NO** | *SI* | *SI* | *SI* | *SI* | *SI* | **NO** | *SI* | **NO** |
| **UNQUALIFIED EXISTENTIAL RESTRICTION** | *SI* | SI | SI | SI | *SI* | *SI* | *SI* | SI | *SI* |
| **QUALIFIED EXISTENTIAL RESTRICTION** | *SI* | SI | SI | SI | *SI* | **NO** | *SI* | SI | **NO** |
| **DISJOINT CLASSES/CONCEPTS** | *SI* | *SI* | **NO** | *SI* | *SI* | *SI* | **NO** | *SI* | **NO** |
| **AND** | *SI* | *SI* | *SI* | *SI* | *SI* | **NO** | *SI* | *SI* | **NO** |
| **OR** | *SI* | **NO** | **NO** | SI | *SI* | **NO** | **NO** | **NO** | **NO** |
| **NEGATION (no**  **disjoint classes)** | *SI* | **NO** | **NO** | *SI* | *SI* | **NO** | **NO** | **NO** | **NO** |
| **SUBCLASSOF** | *SI* | *SI* | *SI* | *SI* | *SI* | *SI* | *SI* | *SI* | *SI* |
| **SUBROLES** | **NO** | *SI* | *SI* | *SI* | *SI* | *SI* | **NO** | *SI* | *SI* |
| **CARDINALITY > 1** | **NO** | **NO** | **NO** | **NO** | *SI* | **NO** | **NO** | **NO** | **NO** |
| **FUNCTIONAL ROLES** | **NO** | **NO** | **NO** | **NO** | *SI* | **NO** | **NO** | **NO** | **NO** |