Efficiently traverse repository hierarchy

Title	Efficiently traverse repository hierarchy
Primary Actor	Repository engineer
Scope	System (black-box)
Level	Summary
Story (A paragraph or two describing what happens)	Users should be able to quickly determine the set of ancestors which contain a given resource, or traverse the set of all children within a resource without the need for an external index. This is complicated by the multiple approaches that can be used to represent hierarchy and directionality of containment/membership relations.