

A simple type system

```
type List {  
  id: ID!  
  name: String!  
  items: [ListItem!]!  
}
```

```
type ListItem {  
  id: ID!  
  what: String!  
  when: Date  
  byWho: User!  
  list: List!  
}
```

A simple schema

```
type Query {  
  lists: [List!]!  
  list(id: String!): List!  
}
```

```
type Mutation {  
  createListItem(  
    listId: ID!,  
    what: String!,  
    when: Date,  
    byWho: ID!  
  ): ListItem!  
}
```