

# Data Repository

Simplifies the retrieval and saving of data entries into the NucleoDB database.

## Definition

```
@Repository
public interface AuthorDataRepository extends NDBDataRepository<AuthorDE, String>{
    Optional<AuthorDE> findByNameAndKey(String name, String key);
    Optional<AuthorDE> findByName(String name);
    void deleteByName(String name);
}
```

## Usage

```
@RestController
public class AnimeController{

    @Autowired
    AuthorDataRepository authorRepository;

    @GetMapping("/get/{name}")
    public Optional<AuthorDE> getByName(@PathVariable String name){
        return authorRepository.findByName(id);
    }

    @DeleteMapping("/get/{name}")
    public void deleteByName(@PathVariable String name){
        Optional<AuthorDE> byName = authorRepository.findByName(id);
        if(byName.isPresent()){
            authorRepository.delete(byName.get());
        }
        return null;
    }
}
```

```
}  
@UpdateMapping("/get/{name}/{genre}")  
public void updateCountryByName(@PathVariable String name, @PathVariable String genre){  
    Optional<AuthorDE> byName = authorRepository.findByName(id);  
    if(byName.isPresent()){  
        AuthorDE author = byName.get();  
        author.getData().setGenre(genre);  
        authorRepository.save(author);  
    }  
}  
}
```

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