

#####

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*/

```
public interface Codec<T> {  
    T decode(BitBuffer buffer, Resolver resolver, Builder builder)  
        throws DecodingException;  
  
    int getSize(Resolver resolver);  
  
    Expression<Integer, Resolver> getSize();  
  
    CodecDescriptor getCodecDescriptor();  
  
    Class<?>[] getTypes();  
  
    Class<?> getType();  
}
```

decode(BitBuffer, Resolver, Builder) ## #####
BitBuffer ##### #T.

Resolver ##### Codec ## #####.

#####¹.
#####.

#####.

#####.

#####.

Codecs #####.

¹ #####.

#####

#####

2. CodecFactory

#####

#####null.

#####

2.

/**

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*/

```
public interface CodecFactory {  
    <T> Codec<T> create(AnnotatedElement metadata,  
        Class<T> type,  
        ResolverContext context);  
}
```


#####

#####²

² #####

5

```
#####  #####  #####  try ## #####  #####  ##  ##. ## #####  #####  ##  #####  #####  ##  #####
# #####  #####.
```

[illegible]

```
#####  
#####  
#####  
#####  
#####  
#####
```


#####. (#####
#####, #####, #####
#####.) #####
#####.

— ##### — ##### #####. #####
#####, ##### ##### ##### ##### ##### ##### ##### ##### ##### #####.#####
#####, ##### ##### #####. #####
#####, #####, ##### ##### ##### ##### #####.

```
#####  
#####  
#####, ## #### # #####  
####, ### ## #### ## #####:
```

- `null ## ##### # # # #####;`
- `## ##### ##### # # # #####;`
- `## ##### ##### # # # #####.`

```
### null ### ## ## ##### ## ##. ## ##### ##### ##### ## ##### ##. ##
##### ## ## ## ##### ## # ##### ## ## ##### ##### ## ##### # #####, ##### ##
##### ## ## ## ##### ##. ## ##### ##### ##### ##### ## ## ## ## ## ## do ##### #
##### ## ## #####, ## ## ##### ## ## #####.
```

6

#####

- ### ##### 4 ##### # ####.
- ### ##### ##### ##### ##### ##### ## 32-### #####.
- ### ##### 32-### ##### ##### ## # ####.

```
##### # # ##### # ## ##### #### # # #####  
### #####:
```

- ##### # ##### # ##### ##### ##### null # ##### # ##### #.
- ...##### ##### # ##### ##### # ##### ##### #, ##### # ##### ##### # # #####
#####.

2.3. BooleanCodecFactory

[illegible]

2.4. ObjectCodecFactory

```
## #####, ## ##### ##### ##### ##### ## ##### ##### ## #####, ## ##### # #####. #####,
##### ## ##### ##### ##### ## ## #####. ## ##### ##### ##### ## #####
##### ## ##### ##### ## ## ##. ## ##### ##### ##### ## ##### ## ##### ## #####,
## ##### ## # ##### ##### ##### ## ##### ## ## ##### ## ##### ##### ## ##### ## #####, ##
##### ## ## ##### ##### ## ## #####.
```

```
### ### ##: ## ##### ## ## ## #####. ### ##### ## ##
### ##.
```

[illegible][illegible]

- [illegible]

```
### ## ### ##### ##### ## ## ##### ##### ##### ##### # ##### ##### ##### ## ## ##### ##,
##### 2. ##### ## #####: ## ##### # ##### ## ## ## ##### ##### ##### ##### ##
```

#####

#####

#####

2.5. ListCodecFactory

#####

#####

#####

#####

#####

#####

4.

3. Binding

#####

#####

- ##### 400, #####

- ## ### ##### ## #### # 1, ##### 7 #### ## ##### ## # # ####; ##### ##### ## #### 7 + 8
#####.

```
##### # Binding #####
#####. #####
#####
#####.
```


#####

also #####.

```
##### ## ##### ## ## ##### ## ## ##### ##### ## ## #####
##### ## ## ##### #####.
```

#####. ### ####
not ## ##### # ##### # #####
#####. ## # ##### # #####, ## ##### ##### ##### #####
####, ## #####. ## ##### # ##### # # #
#.

#####

#####