

```
static int binaryToDecimal(String str, int position) {  
    if (position < 0) {  
        return 0;  
    } else if (str.charAt(position) == '0') {  
        return 2 * binaryToDecimal(str, position - 1);  
    }  
  
    return 1 + 2 * binaryToDecimal(str, position - 1);  
}
```

The diagram illustrates the recursive calls for the `binaryToDecimal` function. It shows a sequence of calls where the `position` argument decreases by 1 in each recursive step. The calls are represented by colored dots: grey for the initial call, purple for the first recursive call, yellow for the second, orange for the third, and red for the fourth. Lines connect the dots to show the flow of the recursion. The dots are placed over the `position` parameter in each function call within the code.