

Java: Code components

File

Class

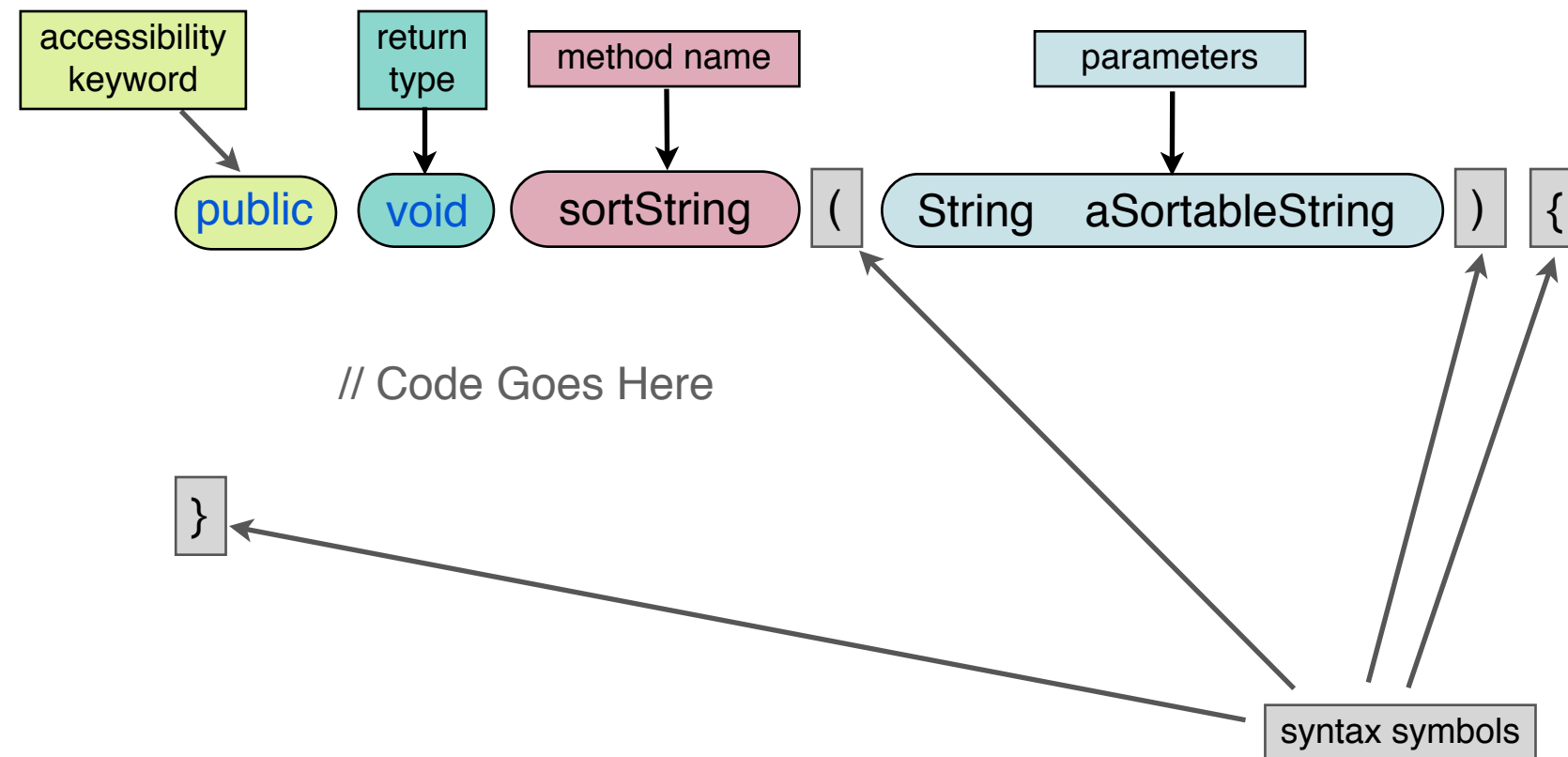
Attributes

Methods

```
1 package com.delta.bookshelf;
2
3 import ...
4
5
6
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25
26
27 public class LazyAdapter extends BaseAdapter {
28
29     private ListActivity activity;
30     private LayoutInflater layoutInflater;
31     private ArrayList<String> names;
32     private FacebookEntity[] cachedEntities;
33     private int cacheSize = 0;
34
35
36
37     public LazyAdapter(ListActivity activity, ArrayList<String> names) {...}
38
39     public View getView(int position, View convertView, ViewGroup parent) {...}
40
41     @Override
42     public Object getItem(int position) {
43         return names.get(position);
44     }
45
46     @Override
47     public long getItemId(int position) {
48         return 0;
49     }
50
51     @Override
52     public int getCount() {
53         return names.size();
54     }
55
56     public void saveEntity(FacebookEntity user) {
57         cachedEntities[cacheSize] = user;
58         cacheSize++;
59         notifyDataSetChanged(); //reload ListView
60     }
61
62     private static class ViewHolder {...}
63
64     public Bitmap roundCornerImage(Bitmap src, float round) {...}
65
66 }
```



Visualizing A Java Method



Java: Knowing your case

camelCase

PascalCase

~~**snake_case**~~



Symbol	Name	Primary Use	Example
{ }	Braces	Blocks of code, Method signatures	<pre>public void methodName() { }</pre>
;	Semicolon	Code statements, End of line	<pre>String myName = "Adam";</pre>
()	Parenthesis	Parameters, Calling a method	<pre>askName(myName)</pre>
[]	Brackets	Data objects, Data position	<pre>int[4]</pre>
= ! & +	Operators	Reference assignment and logic	<pre>if(myVar != myNum && myNum == 4){ myVar = myNum++; }</pre>

