

Programming with Haiku

Unit 2 Review

Written by DarkWorm



Lesson 6

1. What class is responsible for creating the connection with the app_server?

Lesson 7

1. What is the purpose of the Support Kit?
2. What is the name of the method responsible for handling messages sent to a BWindow?
3. What does the BButton method ResizeToPreferred() do? Why should we use it?

Lesson 8

1. What class do all GUI controls ultimately inherit from?
2. Why is the B_WILL_DRAW flag important for BView objects?
3. What is the difference between the methods Bounds() and Frame()?

Lesson 9

1. What is the difference between BListView's SetSelectionMode() and SetInvocationMessage()?
2. What is the purpose of SetTarget()?

Lesson 10

1. What is the difference between a BFile and a BEntry?
2. What is an entry_ref?
3. How is an entry_ref different from BEntry?

Lesson 11

1. Can a BFile object perform operations on attributes? Why or why not?
2. What must be done in order to read a BFile's data into a BString object?

Lesson 12

1. What is metadata?
2. What is the size limit of an indexed attribute?
3. What is the airspeed velocity of an unladen swallow?
4. Which of these types may NOT be used in an indexed attribute?
 - a) float
 - b) bool
 - c) string
 - d) int64
 - e) char
5. Which class should be used to set the preferred application for a file type? How about for an individual file?

Lesson 13

1. How can you find out if a particular attribute can be queried?
2. What Terminal command can make it possible for an attribute to be queried?
3. What is the side effect of having a large number of attributes which can be queried?

4. What is Reverse Polish Notation?

Bonus: Which functions can be used to find out the names of indexed attributes on a volume?

Lesson 14

1. Which of these is NOT a node-monitoring flag?
 1. B_WATCH_NAME
 2. B_WATCH_STAT
 3. B_WATCH_ATTR
 4. B_WATCH_FILE
2. Why do both `entry_ref` and `node_ref` objects need to be stored away to handle `B_ENTRY_REMOVED` operations?

Lesson 15

1. Write a MIME sniffer rule which looks for the pattern 'FOOBAR' followed by two zero bytes in the first thirty-two characters of a file.