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Printing all the fields on a card

This lesson demonstrates how to print the content of all the fields on a card.

The printAllFields command

The **printAllFields** command prints the contents of all the fields on the current card. The command takes no parameters, the syntax of the command is:

printAllFields

Styled text

When manipulating data in variables, LiveCode treats everything as text. This means, among other things, that when you get the contents of a field, any style information, such as boldfacing and fonts, is lost. Only the plain text is retained. To retain the style information in a text field, or to add styles to a variable before printing it, the htmlText (https://livecode.com/resources/api/#livecode_script/htmltext) property is used to produce HTML-like markup whose style information is understood by LiveCode.

Collecting the text of the fields

The repeat (https://livecode.com/resources/api/#livecode_script/repeat)control structure in this handler is used to collect the text of all the fields on the current card. First comes the field name followed by a colon, and next the field contents. The field name is surrounded by tags that turn it into a separate paragraph (<p> and </p>) and make it boldfaced (and). The handler gets the content of the field by getting its htmlText (https://livecode.com/resources/api/#livecode_script/htmltext) property, which includes the style information in the form of HTML-like tags.

```
repeat with tField = 1 to the number of fields
        ## collect data in the tCollectedFields variable:
        put "<p><b>" & the short name of field tField \
                & colon & "</b></p>" \
                & the htmlText of field tField after tCollectedFields
end repeat
```

All this information is placed in a single variable called tCollectedFields. Because the htmlText (https://livecode.com/resources/api/#livecode_script/htmltext) of a field always starts with a <p> tag and ends with a </p> tag, there's no need to separate the parts of the variable with return characters; the htmlText (https://livecode.com/resources/api/#livecode_script/htmltext) provides the necessary line breaks.

Printing the field data

Once the data is collected into a variable, the handler prints that variable. (The revPrintText (https://livecode.com/resources/api/#livecode_script/revprinttext) command looks for HTML tags in the text to be printed: if the text includes tags, revPrintText (https://livecode.com/resources/api/#livecode_script/revprinttext) assumes the text is in HTML and prints it as styled text.)

```
revShowPrintDialog false, true
revPrintText tCollectedFields
```

The printAllFields command code

```
on printAllFields
        local tField, tCollectedFields
        repeat with tField = 1 to the number of fields
                ## collect data in the tCollectedFields variable
                put "<p><b>" & the short name of field tField \
                        & colon & "</b></p>" \
                        & the htmlText of field tField after tCollectedFields
        end repeat

        ## print the variable
        revShowPrintDialog false, true
        revPrintText tCollectedFields
end printAllFields
```

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