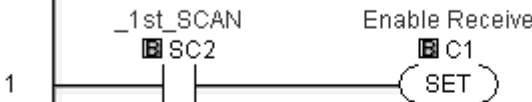


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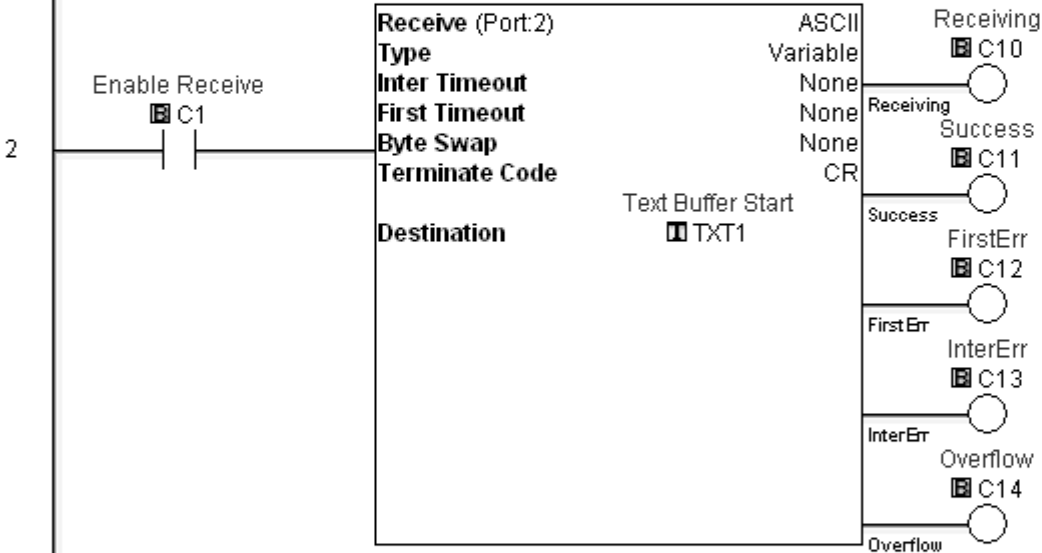
**ASCII\_RepeaterV21.ckp Click Demo Program.**

This CLICK PLC programming example demonstrates ASCII Receive and Send.  
It receives an ASCII character string on PORT #2. the number of characters received is used to send the string back out after a delay.  
Test this with ASCII terminal program and a programming cable connected on port #2. HyperTerm© may not work properly. It was tested using RealTerm©. RealTerm is available at <http://www.realterm.sourceforge.net>. It is open source software.

On first scan of the PLC set C1 to on/true



If C1 = on/true;  
receive a variable length String of characters terminated by a Carriage return.  
The string can be up to 128 characters long.



If the string is received successfully  
Reset C1 so that the receive instruction above releases the com port.  
This is important, you cannot receive and transmit at he same time.  
Copy the number of bytes received (SD50) to DS50 for the send command

