

## Value Lists and Collections: Wildcard Collections and Java Regex Expressions

<b>Problem Summary</b>	The Release 8.0(1) online help has incorrect content on creating Wildcard collections.
<b>Error Message</b>	None
<b>Possible Cause</b>	N/A
<b>Recommended Action</b>	<p>Wildcard collections use java regular expressions. Some simple examples of regular expressions are included below:</p> <ul style="list-style-type: none"> <li>• <b>Exact match:</b> If you want to match one item, enter the string you want to match in the Wildcard field. For example: <i>Agent_10</i>.</li> <li>• <b>Any character:</b> Specifying "." as part of the pattern will match any character. For example: the pattern "p.g" will match "p" followed by any other single character and then a "g" character: <i>pig, pag, psg, pog</i>.</li> <li>• <b>List of valid characters:</b> Use brackets to specify a list of valid characters. For example: the pattern "p[ie]g" will match "p" followed by an "i" OR "e" character and then a "g" character: <i>pig, peg</i>.</li> <li>• <b>Negation:</b> Using a caret ^ specifies that the pattern can contain any character except the specified characters. For example: the pattern "p[^ie]g" will match "p" followed by anything except an "i" or "e" character and then a "g" character: <i>pag, pbg</i>.</li> <li>• <b>Range:</b> Specifies a range of valid characters using brackets. For example, the pattern "p[0-9]g" will match "p" followed by 0,1,2,3,4,5,6,7,8, or 9 followed by a "g" character: <i>p0g, p1g, p2g, p3g, p4g, p5g, p6g, p7g, p8g, p9g</i>.</li> <li>• <b>Zero or more match:</b> Specifies that the preceding expression will be repeated 0 or more times. For example, the pattern "p.*g" will match the character "p", followed by 0 or more characters, followed by a "g" character: <i>pg, pig, peg, piig, peeg</i>.</li> <li>• <b>One or more match:</b> Specifies that the preceding expression will be repeated 1 or more times. For example, the pattern "p.+g" will match the character "p", followed by 1 or more characters, followed by a "g" character: <i>pig, peg, piig, peeg</i>.</li> <li>• <b>Escape character:</b> Specifies that the character following the backslash should not be interpreted. This allows brackets, periods, and other characters to be part of the pattern. For example, the pattern "p\[ie\]g" matches "p" followed by a "[", followed by a "i", followed by an "e", followed by a "]", and then followed by a "g" character: <i>p[ie]g</i>.</li> </ul> <p>For more information refer to Java Regular Expressions documentation for more examples and how to build more complex patterns.</p>
<b>Release</b>	Release 8.0(1)
<b>Associated CDETS #</b>	CSCtg59053