

Limitation on using ':' character in Series 40 (Known Issue)

Description

{Abstract|This article describes a known issue when using the character ":" in Series 40 applications.}}

According to [RFC 2396](#) (Uniform Resource Identifiers (URI) Generic Syntax), the character ":" is considered to be one of the reserved characters within the query component, meaning that such a character cannot be used generically.

In Series 40, the character ':' has been reserved to be used as a port delimiter in network requests. If a port number has not been defined after the character ':', the prompt 'java.lang.IllegalArgumentException: invalid port' will result while performing a network request.

Solution

When defining URL for network resources, avoid using the the character ':' in the URL.