Generate QR Codes From ArcCatalog – A Python Script Tool

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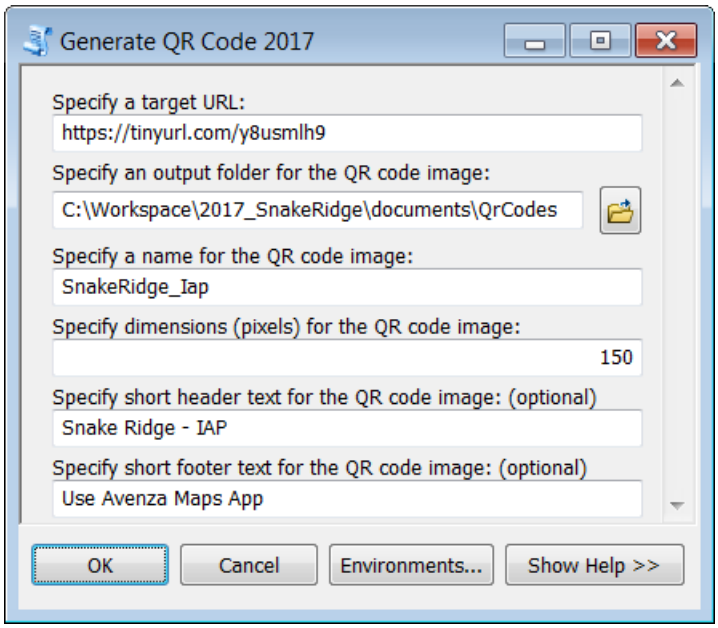
Requirements – An internet connection is required for the tool to be able to call the QRickIt QR API.

Setup - Copy the **GenerateQrCode_2017** folder to the incident's **tools** folder.

Generate a QR code - Open ArcCatalog, and browse to the **GenerateQrCode_2017** folder. Expand the toolbox, and double-click the script tool's icon.



Complete the dialog at right by supplying a target URL, output folder, image name, image size, and header/footer text.

Either full-length or shortened URLs should work OK. A dimension of 150 pixels is adequate for short or shortened URLs, but a dimension of 250 pixels, or more, may be preferred for long URLs.

Results - A process log (below right) recites the input parameters, describes the QR code's filed location, and reminds users to scan the new QR code (example below left) to make sure that it has correctly encoded the intended target URL. The new QR code will pop up in Windows Photo Viewer to facilitate that task.

Scan a QR code – The Avenza Maps app includes a native QR code scanner for both Android and iOS devices, so a stand-alone app to scan QR codes is not required.

To scan a QR code in Avenza Maps:

- Open **Avenza Maps**.
- Press the "**+**" icon on the **Maps** page to download or import a map.
- Press the **QR icon** on the **Add Map** page.
- Scan the QR code.
- Wait for the map to download and process.

Give it a try!