KB-0074-Create Custom Mosaic Template

GENERAL

Distribution	OEM/Partner/Distributor	Installer	Customer
	YES	YES	YES

Last Update	27-03-2009
Product	WebCCTV, GuardNVR/DVR
Version	4.0.4.0 or higher

DESCRIPTION

It's possible to create a template for any mosaic configuration that is not available by default. E.g. to create the template for the mosaic 5x5, 2+Zoom, etc. The following templates are available by default:

2x2   Zoom+3   Zoom+5   Zoom+7   3x2   3x3   2 Zoom+8V   2 Zoom+8H   4x4
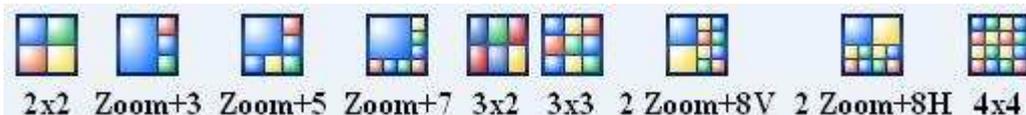
SOLUTION

To create a template, a new registry branch and a list of keys has to be added in the registry. Please execute the steps below:

- **Stop** Video Server.
- Go to **Start → Run… → cmd**, type **regedit** and **enter.** Locate the following registry key:

    HKLM\SOFTWARE\Quadrox\OctoPlus3\Applications\{4E74F8E8-F1BB-47d1-94A5-AD1B55F8BBA6}\Mosaics\Templates

- Right click on this folder, select **New → Key.** Name it as following: ***Template(xx)*** , where xx is the number of the template. E.g. if the last available template is '*Template(08)*', then you should create the key '*Template(09)*'.
- Click right in the right pane and add the following parameters by selecting **New** each time:
    - **DWORD** Values:
        - ✓ Name: **Rows.** Base: **Hexadecimal**. Value data: **[Amount rows]**
        - ✓ Name: **Cols**. Base: **Hexadecima**l. Value data: **[Amount columns]**
    - **STRING** Values:
        - ✓ Name: **Name**. Value data: **[Mosaic name in User Interface].**
        - ✓ Name: **FrameRate**. Value data: **[Default frame rate mosaic].**
        - ✓ Name: **MaxFrameRate.** Value data: **[Maximum frame rate mosaic].**
        - ✓ Name: **Icon.** Value data**: [Picture name that will be used**]. This picture will be used as icon for the mosaic. The default path to place the picture is:

            C:\Program Files\Quadrox\WebCCTV\webManager\ImagesQ
        - ✓ Name: **Interval.** Value data: **[Default time (seconds) between switching sequences].**

        ✓   Name: UID. Value data: **[Position mosaic on Mosaics configuration page].**

        ✓   Name: **Native.** Value data: **1**

Your screen structure should look similar to the structure in the following screen:
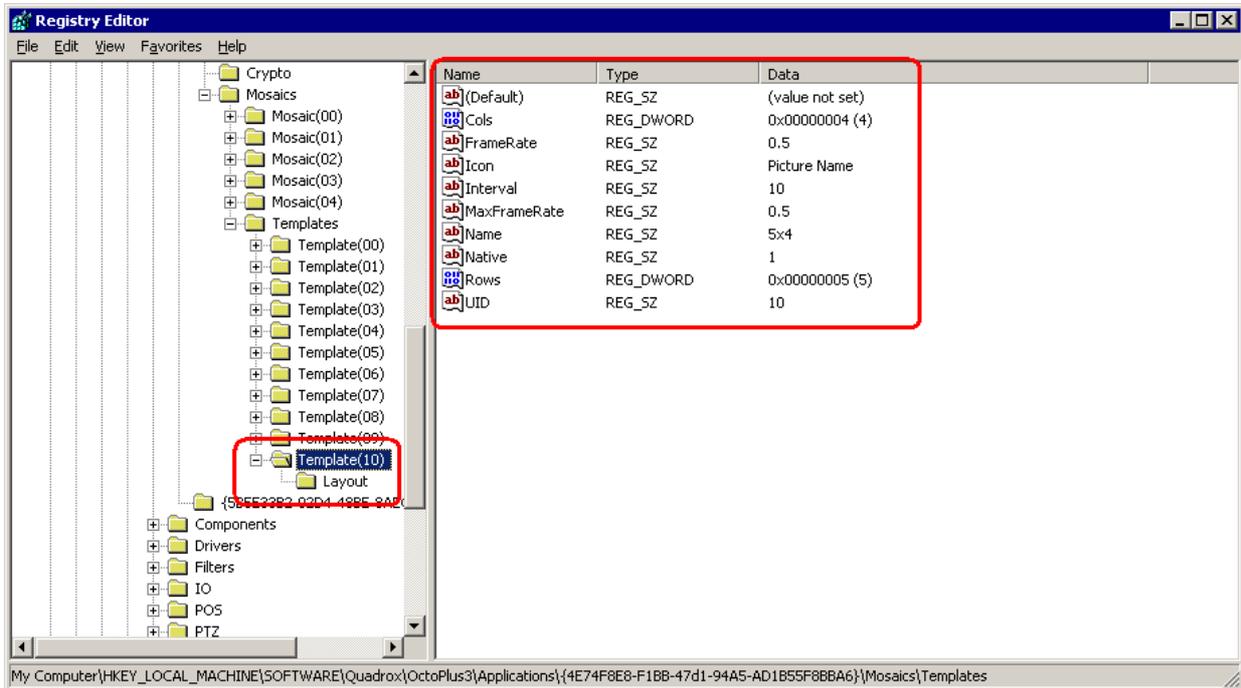
- Right click on your newly created Template(xx) folder and create a key named **Layout**.
- In the key *Layout* you should list all cells that your mosaic will include. Below is a scheme that explains how to numerate the cells:
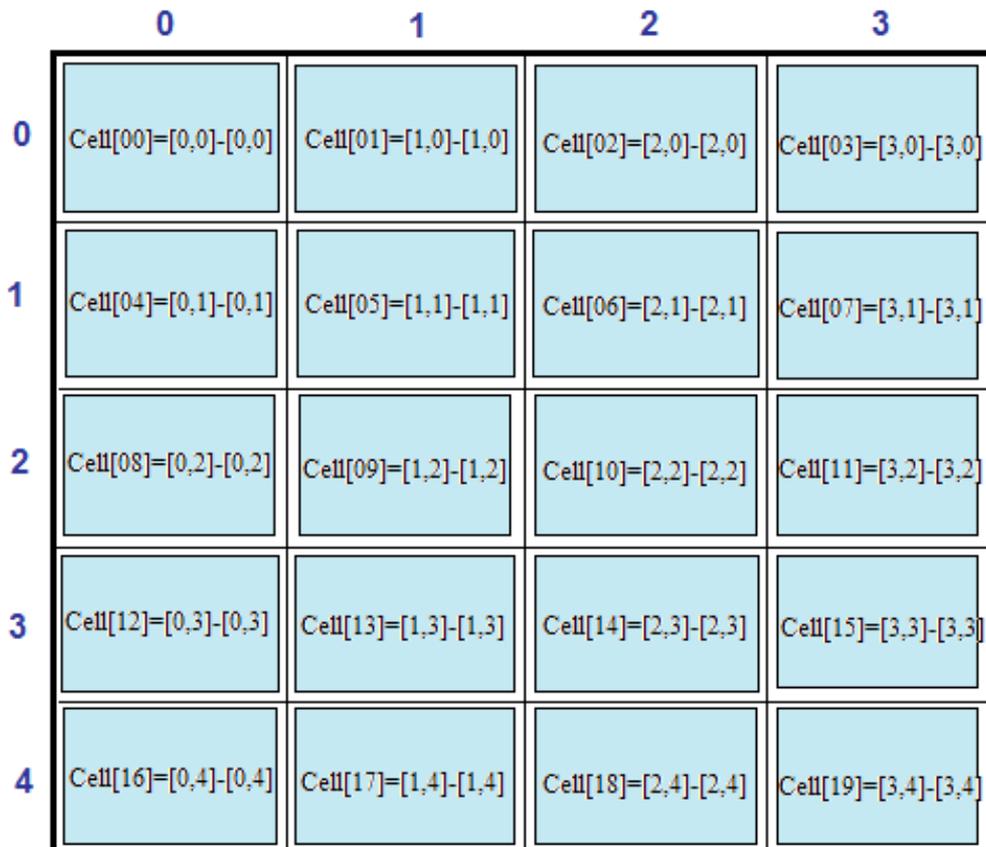
Example: You want to create a mosaic 4x5. For this mosaic you need to create 20 String Values. For each of the strings you have:

- o <u>Name:</u> **Cell[xx]**, where xx – is the number of cell (starting from 00 and up).
- o <u>Value data:</u> **[x1,y1]-[x2,y2]**, where x1, y1 – coordinates of the cell's beginning, x2, y2 – coordinates of the cell's ending. If the cell contains only one sector, the starting and ending coordinates are the same.
  - → For example, the Cell[09] contains one sector, so both coordinates are [1,2].
- ▪ **Start** Video Server.