QGIS Application - Feature request #21238
Windows Taskbar Progress Overlay

2019-02-11 08:32 PM - Peter Perkins

Status:	Open		
Priority:	Normal		
Assignee:			
Category:	GUI		
Pull Request or Patch supplied:	No	**Resolution:**	
Easy fix?:	No	**Copied to github as #:**	29056

Description

When processing large amounts of data QIGS sometimes registers as "Not Responding" by Windows task manager, even though it technically is still processing in the background. Microsoft and others (links below) have some information regarding adding an overlay to the icon in the taskbar that can display a programs numerical progress. Although somewhat of a novelty, it would be nice to be able to have a numeric valuation of the progress of an operation.

The last image attached (comparison) is the prime example of this request. I am processing ~400,000 features (calculating the distances to another single feature). Windows is advising QGIS is "Not Responding" however the CPU usage is hovering around 24% and every hour or so the icon in the task bar increases ever so slightly (1 pixel in the comparison image).

References:
Microsoft: https://docs.microsoft.com/en-us/dotnet/api/system.windows.shell.taskbariteminfo.overlay?view=netframework-4.7.2
Blogspot: http://svetoslavsavov.blogspot.com/2010/02/

Extra: In the event this completed, adding additional information such as; (1) elapsed time and (2) estimated time remaining.

Files

graphical_progressBar.PNG	58.2 KB	2019-02-11	Peter Perkins
microsoft_graphical_overlay.PNG	29.1 KB	2019-02-11	Peter Perkins
comparison.PNG	1.75 MB	2019-02-11	Peter Perkins