In this document I would like to elaborate on the changes which I have made in ElectronNET.CLI project and tested,

**In StartElectronCommand.cs**

The \_args weren’t being carried onto the next stage, so I included it to be passed further..

string argss = "";

if(\_args.Length>0)

{

 foreach (string ar in \_args)

 {

 argss = argss+ar + " ";

 }

}

if (isWindows)

{

Console.WriteLine("Invoke electron.cmd - in dir: " + path);

ProcessHelper.CmdExecute(@"electron.cmd ""..\..\main.js"""+" "+ argss, path);

}

else

{

 Console.WriteLine("Invoke electron - in dir: " + path);

 ProcessHelper.CmdExecute(@"./electron ""../../main.js"""+" "+ argss, path);

}

**In main.js**

A process variable existed which I slightly modified so that it doesn’t affect the default process. ( this was hindering process.argv )

const proces = require('child\_process').spawn;

and also changed

apiProcess = proces(binFilePath, parameters, options);

Earlier only const parameters were being passed from main.js to the frontend of ElectronNET project.. below code concatenates the command line arguments to existing parameters.

var parameters = [`/electronPort=${electronPort}`,`/electronWebPort=${aspCoreBackendPort}`];

if (process.argv.length > 1)

{

 var argv = process.argv;

 if (process.argv[1].includes("main.js")) {

 argv = process.argv.slice(2);

 }

 else { argv = process.argv.slice(1);}

 parameters=parameters.concat(argv);

}

Here.. slice(2) is used when we use electronize start arg1 arg2
 slice(1) is used when App.exe arg1 arg2

I have only tested its working in windows. And in the frontend I was able to retrieve



This ElectronNET.CLI project when published to local gave a dll, this I consumed in another console project named electronize inorder to get an electronize.exe to mimic the original CLI tool. And placed this file into tools in .dotnet folder in place of original electronize.exe global tool.

This helped in passing of arguments.

It would really be great if Electron.NET supports this feature in the coming days as it’ll enhance Inter-Application Communication.

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