NEO Persistable Classes 2.1 Platform for Python Smart Contacts

Michael Herman and Nate Bronstein Independent Blockchain Developers



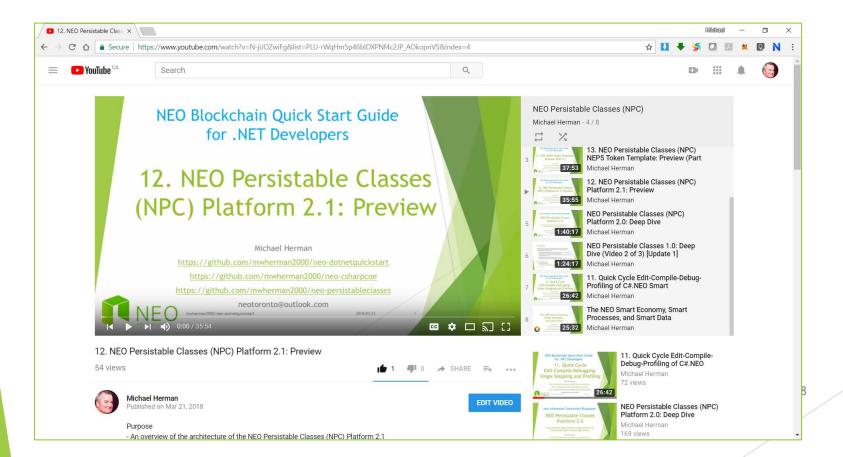
NEO C# Developers Center of Excellence

https://github.com/mwherman2000/neo-csharpcoe



Homework

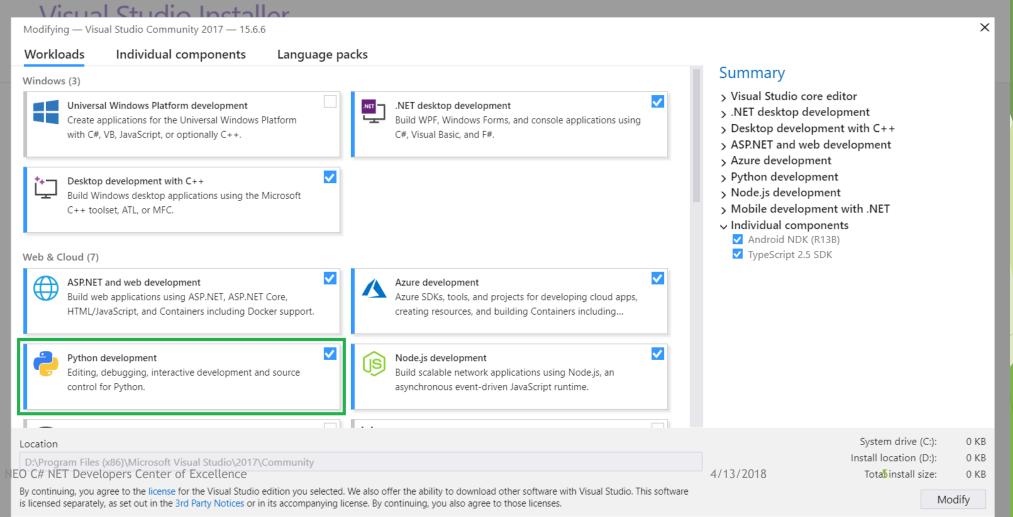
1. Watch the webcast "12. NEO Persistable Classes (NPC) Platform 2.1: Preview" https://www.youtube.com/watch?v=N-jiJOZwiFg



Preparation / Roadmap NATE: First 9 step are complete

- Install Visual Studio 2017 Community Edition (free) TODO
- 2. Modify the Visual Studio 2017 configuration to include Python support TODO
- 3. Follow the normal NPC process to create a Model Class project using C# TODO e.g. NPC.mwherman2000.NEP5Token.Model
- 4. Configure the NPC Compiler (npcc.exe) to be the "debugger" for the Model Class project TODO
- 5. Create a (C#) NEO Smart Contract project for the C# version of the smart contract TODO e.g. NPC.mwherman2000.NEP5Token.Contract
- 6. Click Start to run the NPC Compiler to generate the NPC C# support files in the C# smart contract project
- 7. Manually include the generated C# support files into the Visual Studio project
- 8. Create a Python Model project for the manually-created Python version of the C# smart contract (from Step 5-6-7)
 e.g. NPC.mwherman2000.NEP5Token.ManualPContract
- Create a second Python Model project for the automatically generated Python version of smart contract e.g. NPC.mwherman2000.NEP5Token.PContract
- 10. Manually translate/port the C# from NPC.mwherman2000.NEP5Token.Contract to NPC.mwherman2000.NEP5Token.ManualPContract

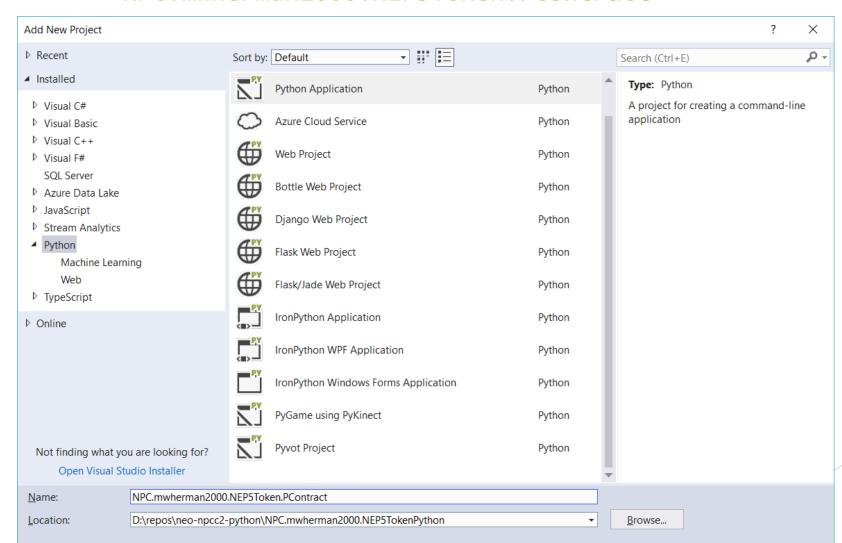
2. Modify the Visual Studio 2017 configuration to include Python support



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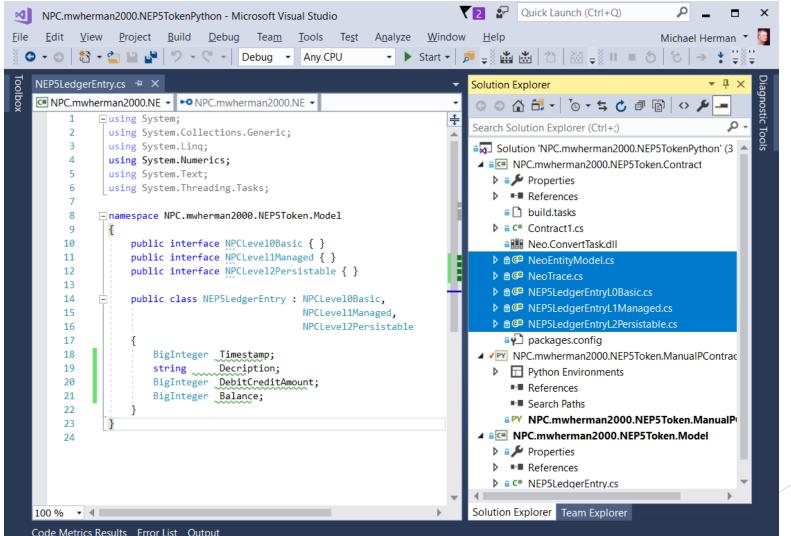
8,9. Create a Python Model projects

NPC.mwherman2000.NEP5Token.ManualPContract
NPC.mwherman2000.NEP5Token.PContract



10. Manually translate/port the C#

from NPC.mwherman2000.NEP5Token.Contract to NPC.mwherman2000.NEP5Token.ManualPContract



< Translate these 5 C# files

< into this Python project

Questions?

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