Added code to Program.cs:

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p e36be500a8057212a8049f1aba7f3b20f8171c88

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace TestGitPeoject

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Hello");

Console.WriteLine("Hello");

Console.WriteLine("Hello");

Console.WriteLine("Hello");

}

}

}

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p 28129989d718391ceb7204a817dfcde89f5414e7

tree 6f52cf032e5509dc10ac4ba4c7fd4b23f833936e

parent ff119f2f052d20e80b413b8ce4ad12e62bda527a

author vidya <vipaygud@microsoft.com> 1475532819 -0700

committer vidya <vipaygud@microsoft.com> 1475532819 -0700

Added console writeline

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p cd4cc42c36e6f0aee78f0bffd006a443ef1f297e

100644 blob 8e15646352ec1d9a84bbc6504ef6b46e16bf7823 App.config

100644 blob fea9da086dfc318850c94783b29cf761567ba815 Class1.cs

100644 blob e36be500a8057212a8049f1aba7f3b20f8171c88 Program.cs

040000 tree 276f38fd48c777f6419b1e7d7fc7b9ae34e2b061 Properties

100644 blob fbe712992327d147f6a0929bede607d16b5d8a72 TestGitPeoject.csproj

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p 6f52cf032e5509dc10ac4ba4c7fd4b23f833936e

100644 blob 1ff0c423042b46cb1d617b81efb715defbe8054d .gitattributes

100644 blob 796453635bb4bde2a32b55293fff153807954def .gitignore

100644 blob 3fdccfa71d84397e0dbfc9d22e8bd7e2675d9459 TestGitPeoject.sln

040000 tree cd4cc42c36e6f0aee78f0bffd006a443ef1f297e TestGitPeoject

Added new class file:

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p f4921e2265f23d7c0dabd0ada1fe707605f682f2

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace TestGitPeoject

{

class test

{

}

}

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p ec52b84dc5fac4473bf3878d61dfeb24798bee1d

100644 blob 1ff0c423042b46cb1d617b81efb715defbe8054d .gitattributes

100644 blob 796453635bb4bde2a32b55293fff153807954def .gitignore

100644 blob 3fdccfa71d84397e0dbfc9d22e8bd7e2675d9459 TestGitPeoject.sln

040000 tree 12a50a53bb899309bf5ce93bc58b77e0bced9d5f TestGitPeoject

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p 12

fatal: Not a valid object name 12

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p 12a50a53bb899309bf5ce93bc58b77e0bced9d5f

100644 blob 8e15646352ec1d9a84bbc6504ef6b46e16bf7823 App.config

100644 blob fea9da086dfc318850c94783b29cf761567ba815 Class1.cs

100644 blob e36be500a8057212a8049f1aba7f3b20f8171c88 Program.cs

040000 tree 276f38fd48c777f6419b1e7d7fc7b9ae34e2b061 Properties

100644 blob 8e43f36379e74d43a16fa9fe33b18e1ebe029eb2 TestGitPeoject.csproj

100644 blob f4921e2265f23d7c0dabd0ada1fe707605f682f2 test.cs

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p 8e43f36379e74d43a16fa9fe33b18e1ebe029eb2

<?xml version="1.0" encoding="utf-8"?>

<Project ToolsVersion="12.0" DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/2003">

<Import Project="$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props" Condition="Exists('$(MSBuildExtensionsPath)\$(MSBuildToolsVersion)\Microsoft.Common.props')" />

<PropertyGroup>

<Configuration Condition=" '$(Configuration)' == '' ">Debug</Configuration>

<Platform Condition=" '$(Platform)' == '' ">AnyCPU</Platform>

<ProjectGuid>{BC48DF1D-39E3-456B-B3EC-8F554A84ED07}</ProjectGuid>

<OutputType>Exe</OutputType>

<AppDesignerFolder>Properties</AppDesignerFolder>

<RootNamespace>TestGitPeoject</RootNamespace>

<AssemblyName>TestGitPeoject</AssemblyName>

<TargetFrameworkVersion>v4.5</TargetFrameworkVersion>

<FileAlignment>512</FileAlignment>

</PropertyGroup>

<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">

<PlatformTarget>AnyCPU</PlatformTarget>

<DebugSymbols>true</DebugSymbols>

<DebugType>full</DebugType>

<Optimize>false</Optimize>

<OutputPath>bin\Debug\</OutputPath>

<DefineConstants>DEBUG;TRACE</DefineConstants>

<ErrorReport>prompt</ErrorReport>

<WarningLevel>4</WarningLevel>

</PropertyGroup>

<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">

<PlatformTarget>AnyCPU</PlatformTarget>

<DebugType>pdbonly</DebugType>

<Optimize>true</Optimize>

<OutputPath>bin\Release\</OutputPath>

<DefineConstants>TRACE</DefineConstants>

<ErrorReport>prompt</ErrorReport>

<WarningLevel>4</WarningLevel>

</PropertyGroup>

<ItemGroup>

<Reference Include="System" />

<Reference Include="System.Core" />

<Reference Include="System.Xml.Linq" />

<Reference Include="System.Data.DataSetExtensions" />

<Reference Include="Microsoft.CSharp" />

<Reference Include="System.Data" />

<Reference Include="System.Xml" />

</ItemGroup>

<ItemGroup>

<Compile Include="Class1.cs" />

<Compile Include="Program.cs" />

<Compile Include="Properties\AssemblyInfo.cs" />

<Compile Include="test.cs" />

</ItemGroup>

<ItemGroup>

<None Include="App.config" />

</ItemGroup>

<Import Project="$(MSBuildToolsPath)\Microsoft.CSharp.targets" />

<!-- To modify your build process, add your task inside one of the targets below and uncomment it.

Other similar extension points exist, see Microsoft.Common.targets.

<Target Name="BeforeBuild">

</Target>

<Target Name="AfterBuild">

</Target>

-->

</Project>

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p 8e15646352ec1d9a84bbc6504ef6b46e16bf7823

<?xml version="1.0" encoding="utf-8" ?>

<configuration>

<startup>

<supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.5" />

</startup>

</configuration>

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject (master)

$ git cat-file -p 0d760ffeba13be783455d022707d263420eeb38a

tree ec52b84dc5fac4473bf3878d61dfeb24798bee1d

parent 28129989d718391ceb7204a817dfcde89f5414e7

author vidya <vipaygud@microsoft.com> 1475533114 -0700

committer vidya <vipaygud@microsoft.com> 1475533114 -0700

Ad class

**Git command**

**vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject/TestGitPeoject (master)**

**$ git hash-object -w Class1.cs**

**fea9da086dfc318850c94783b29cf761567ba815**

**vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject/TestGitPeoject (master)**

**$ git hash-object -w Class2**

**fatal: Cannot open 'TestGitPeoject/Class2': No such file or directory**

[List Git commits not pushed to the origin yet](http://stackoverflow.com/questions/3080509/list-git-commits-not-pushed-to-the-origin-yet)

vipaygud@Comp-vipaygud MINGW64 /e/Bothell/TestGitPeoject/TestGitPeoject (master)

$ git log origin/master..master

commit 0d760ffeba13be783455d022707d263420eeb38a

Author: vidya <vipaygud@microsoft.com>

Date: Mon Oct 3 15:18:34 2016 -0700

Ad class

commit 28129989d718391ceb7204a817dfcde89f5414e7

Author: vidya <vipaygud@microsoft.com>

Date: Mon Oct 3 15:13:39 2016 -0700

Added console writeline

commit ff119f2f052d20e80b413b8ce4ad12e62bda527a

Author: vidya <vipaygud@microsoft.com>

Date: Mon Oct 3 14:58:09 2016 -0700

Ad class

**Adding file to project using git add <file name> make change sto the git object.**

git hash-object compute hash it does not return hash from the git database.