
Discussion

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Overwriting Read method %Stream.FileCharacter class returns incorrect return type at compile time

When overwriting the Read method (that has a %CacheString return type) on a new class that inherits %Stream.FileCharacter class, returns an error about incorrect return type, must be Binary, even if it matched the real signature.

Looking at the compile global information we can see:

```
^oddCOM("%Stream.FileBinary","m","Read",42)="%Library.Binary"
```

After further investigation we realise that there is a generator method looking at the OdbcType class definition.

Setting LONGVARCHAR results in:

```
^oddCOM("User.CStream","m","Read",42)="%Library.String"
```

[#Compiler](#) [#ObjectScript](#) [#InterSystems IRIS](#)

Source

URL: <https://community.intersystems.com/post/overwriting-read-method-streamfilecharacter-class-returns-incorrect-return-type-compile-time>