Subject: Re: FTP class and reference example for U++
Posted by Klugier on Sat, 15 Apr 2017 17:38:58 GMT

Hello,

In my opinion handling multi-threading API using #ifdef in header is not good for the end user. Because, he/seh is obligated to use #ifdef in theire code. Personally, i would hide it inside the interface and use One container (Movable will not work for this class).

```
class Result // Interface - all methods are abstract
{
public:
  // The same as previous

  virtual bool IsAsync() = 0;

  // Mt methods are presented without #ifdef guard
};

class RegularResult : public Result // The name could be different
{
public:
  bool IsAsync() override { return false; }

  // Mt methods returning falses, -1 etc.
};

class AsyncResult : public Result
{
public:
  bool IsAsync() override { return true; }

  // Return correct values for MT
};

One<Result> result(new AsyncResult());
```

What do you think?

Sincerely,
Klugier