NAME

FDDividendEngineBase< Scheme > − Abstract base class for dividend engines.

SYNOPSIS

```
#include <ql/pricingengines/vanilla/fddividendengine.hpp>
```

Inherits FDMultiPeriodEngine< Scheme >.

Inherited by **FDDividendEngineMerton73< Scheme >**, and **FDDividendEngineShiftScale< Scheme >**.

Public Member Functions

FDDividendEngineBase (const boost::shared_ptr< **GeneralizedBlackScholesProcess** > &process, **Size** timeSteps=100, **Size** gridPoints=100, bool timeDependent=false)

Protected Member Functions

virtual void **setupArguments** (const PricingEngine::arguments *) const
void **setGridLimits** () const =0
void **executeIntermediateStep** (**Size** step) const =0
Real getDividendAmount (**Size** i) const
Real getDiscountedDividend (**Size** i) const

Detailed Description

template<template< class > class Scheme = CrankNicolson>
class QuantLib::FDDividendEngineBase< Scheme >" Abstract base class for dividend engines.

Author

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