一、row\_number

USE [BookShop]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[rownumpage] \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER procedure [dbo].[rownumpage]

(

@strTable varchar(1000) = '[dbo].[CurrentIntervalPacketDetail]',--表名

@strField varchar(1000) = '\*', --查询字段

@pageSize int = 10, --每页多少条记录

@pageIndex int = 1, --当前页

@strWhere varchar(1000) = '1=1', --查询条件

@strSortKey varchar(1000) = 'id', --主键

@strSortField varchar(500) = 'id DESC' --排序

)

as

set nocount on

begin

declare @sql nvarchar(500),@where1 varchar(200),@where2 varchar(200)

if @strWhere is null or rtrim(@strWhere)=''

begin

set @where1=' where '

set @where2=' '

end

else

begin

set @where1=' where ('+@strWhere+') and '

set @where2=' where ('+@strWhere+') '

end

if @pageIndex=0 --第一页

begin

set @sql='select top '+CAST(@pageSize AS varchar(200))+' '+@strField+' from '+@strTable+@where2+'order by '+ @strSortField

end

else

begin

set @sql='select '+@strField+' from (select '+@strField+',ROW\_NUMBER() OVER (order by '+@strSortField+') AS ROWNUM from '+@strTable+@where2+') t where ROWNUM between '+CAST((@pageSize\*(@pageIndex-1)+1) AS varchar(200))+' and '+CAST(@pageSize\*(@pageIndex) AS varchar(200))+''

end

EXEC(@sql)

End

二、非row\_number

USE [BookShop]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[AjaxPage] 8:52:32 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER procedure [dbo].[AjaxPage]

(

@strTable varchar(1000) = '[dbo].[CurrentIntervalPacketDetail]',--表名

@strField varchar(1000) = '\*', --查询字段

@pageSize int = 10, --每页多少条记录

@pageIndex int = 1, --当前页

@strWhere varchar(1000) = '1=1', --查询条件

@strSortKey varchar(1000) = 'id', --主键

@strSortField varchar(500) = 'id DESC', --排序

@strOrderBy bit = 1, --是否排序 1表示排序

@RecordCount int OUTPUT --总记录数

)

AS

SET NOCOUNT ON

Declare @sqlcount INT

Declare @timediff DATETIME

select @timediff=getdate()

Begin Tran

DECLARE @sql nvarchar(500),@where1 varchar(200),@where2 varchar(200)

IF @strWhere is null or rtrim(@strWhere)=''

BEGIN--没有查询条件

SET @where1=' WHERE '

SET @where2=' '

END

ELSE

BEGIN--有查询条件

SET @where1=' WHERE ('+@strWhere+') AND ' --本来有条件再加上此条件

SET @where2=' WHERE ('+@strWhere+') ' --原本没有条件而加上此条件

END

--SET @sql='SELECT @intResult=COUNT(\*) FROM '+@strTable+@where2

BEGIN

SET @sql='SELECT @sqlcount=COUNT(\*) FROM (select '+@strSortKey+' from '+ @strTable + @where2 +') As tmptab'

END

--print @sql

EXEC sp\_executesql @sql,N'@sqlcount int OUTPUT',@sqlcount OUTPUT --计算总记录数

SELECT @RecordCount = @sqlcount --设置总记录数

IF @pageIndex=1 --第一页

BEGIN

SET @sql='SELECT TOP '+CAST(@pageSize AS varchar(200))+' '+@strField+' FROM '+@strTable+@where2+'ORDER BY '+ @strSortField

END

Else

BEGIN

IF @strOrderBy=0

SET @sql='SELECT TOP '+CAST(@pageSize AS varchar(200))+' '+@strField+ ' FROM '+

@strTable+@where1+@strSortKey+'>(SELECT MAX('+case when charindex('.',@strSortKey)>0 then right(@strSortKey,len(@strSortKey)-charindex('.',@strSortKey)) else @strSortKey end+') '+ ' FROM (SELECT TOP '+

CAST(@pageSize\*(@pageIndex-1) AS varchar(200))+' '+@strSortKey+' FROM '+@strTable+@where2+

'ORDER BY '+@strSortField+') t) ORDER BY '+@strSortField

ELSE

SET @sql='SELECT TOP '+CAST(@pageSize AS varchar(200))+' '+@strField+' FROM '+@strTable+@where1+

@strSortKey+'<(SELECT MIN('+case when charindex('.',@strSortKey)>0 then right(@strSortKey,len(@strSortKey)-charindex('.',@strSortKey)) else @strSortKey end+') '+ ' FROM (SELECT TOP '+CAST(@pageSize\*(@pageIndex-1) AS varchar(200))+' '+

@strSortKey+' FROM '+@strTable+@where2+'ORDER BY '+@strSortField+') t) ORDER BY '+@strSortField+''

END

print @sql

--select @RecordCount

EXEC(@sql)

print @sql

If @@Error <> 0

Begin

RollBack Tran

Return -1

End

Else

Begin

Commit TRAN

--set @UsedTime = datediff(ms,@timediff,getdate())

--select @UsedTime

--select datediff(ms,@timediff,getdate()) as 耗时

Return @sqlcount

End