这个对象也有它独特的使用场景：需要向客户端返回HttpResponse时就要用到这个对象。以导出为例，由于需要将导出的Excel文件输出到客户端浏览器，Webapi的服务端需要向Web的客户端输出文件流，这个时候一般的IHttpActionResult对象不方便解决这个问题，于是HttpReponseMessage派上了用场。我们来看看它的使用示例。

public HttpResponseMessage Export()

{

//取数据

var lstRes = OrderBLL.Export();

//向Excel里面填充数据

HSSFWorkbook workbook = new HSSFWorkbook();

CreateAndFillSheet(workbook, lstRes);

//保存到服务

var fileName = "Excel" + DateTime.Now.ToString("yyyyMMddHHmmss") + ".xls";

var strPath = Path.Combine(AppDomain.CurrentDomain.BaseDirectory, @"Data\" + fileName);

using (FileStream fs = new FileStream(strPath, FileMode.Create))

{

workbook.Write(fs);

using (MemoryStream ms = new MemoryStream())

{

workbook.Write(ms);

}

}

//输出到浏览器

try

{

var stream = new FileStream(strPath, FileMode.Open);

HttpResponseMessage response = new HttpResponseMessage(HttpStatusCode.OK);

response.Content = new StreamContent(stream);

response.Content.Headers.ContentType = new MediaTypeHeaderValue("application/octet-stream");

response.Content.Headers.ContentDisposition = new ContentDispositionHeaderValue("attachment")

{

FileName = fileName

};

return response;

}

catch

{

return new HttpResponseMessage(HttpStatusCode.NoContent);

}

}