

EDIDEV KNOWLEDGE LETTER
February 28, 2018
<http://www.edidev.com>

EdiDataSegment.ReadNext() Method (FREDI version 5.7.116.331)

To all you speed demons out there. Here is a new method for you: `ediDataSegment.ReadNext()`. It's similar to the `ediDataSegment.Next()` method, but without the validation operations behind the scene. This will shave off about 20% of total reading time (i.e. a process that takes 3 seconds to complete, can be done in about 2.5 seconds). It may not be much. But, for those that want to squeeze every millisecond out of the FREDI component, this savings is significant.

Just remember that you still have to use the `Next()` method for validating and creating acknowledgment files. But, once you're done with that step, and want to proceed to translating the EDI files, then you can use the `ReadNext()` method.

Below is an example C# code that traverses through an EDI file using the `ReadNext()` method.

```
oEdiDoc = new ediDocument();
oEdiDoc.CursorType = DocumentCursorTypeConstants.Cursor_ForwardOnly;
...

oSegment = oEdiDoc.FirstDataSegment;
while (oSegment != null)
{
    ...

    ediDataSegment.Set(ref oSegment, ediDataSegment.ReadNext());
}
```

EDIdEv - EDI Development
"We make EDI fun!"