

Date Contracts

Version V10_30

Many of these contracts work by replacing tokens with values depending on the time on the server clock or the client clock. For example, suppose you have a text box with the content:

Today is [dayname], [monthname] [daynumber], [year].

If you apply the contract, **Replace tokens in Text1 with date/time from client**, the tokens (words in brackets) will be replaced and when the page is browsed the text box will say something like:

Today is Tuesday, December 15, 1998.

Differentiating between the Server Clock and the Client Clock

You will notice that many of these contracts have two versions, one for the server clock and one for the client clock. What does this mean? Well, let's say that your server is located in New York and a user is surfing your site from Los Angeles. There may be several different reasons why you would want to show the user a date and time or a countdown value. If your web site is all about the New York Stock Exchange you may want to show the user what time it is in New York and how long before the market closes or opens. To show the user what time it is in New York, you could use an edit box with the content:

New York Time: [hours]:[minutes][ampm]

Then assign the contract, **Replace tokens in [source] with active date/time from server**.

To show the user the time remaining before the Stock Market closes, you could use an edit box with the content:

Countdown to Market close: [hours]:[minutes]:[seconds]

Then assign the contract, **Replace tokens in [source] with active countdown to [End Date] on Server clock**. Leave the End Date parameter blank, but put 5:00pm for the End Time. Check the parameter, Use Leading Zeroes.

Now let's say you want to show the user what time it is where he is. You could use an edit box with the content:

Local Time: [hours]:[minutes][ampm]

Then assign the contract, **Replace tokens in [source] with active date/time from client**.

And lastly, let's say you want to show the user how much time is left until the year 2000. You could use an edit box with the content:

Countdown to 2000: [days] days [hours]:[minutes]:[seconds]

Then assign the contract, **Replace tokens in [source] with active countdown to [End Date] on Client clock.** For the parameter, End Date, put 1/1/2000. For the parameter, End Time, put 12:00am. Check the parameter, Use Leading Zeroes.