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Question

[Rochdi Badis](#) · Sep 14, 2022

## Comparing %TimeStamp data types

Hi Guys,

I do have a class where one of its fields is defined as `%TimeStamp` and I did query to select all records and if current datetime is bigger than what's in my nextScheduled field and basically with this condition below I should have all records stored in ^badis but for some reason I'm only getting the first record

```
S sql="Select ID,CollectTimeOut,KitId,ComponentId,Loc,IntervalValue,IntervalType,LastScheduled,NextScheduled,
Schedule,StartDate,StartTime,SensorId,SensorType from MSDSCommon.JobSchedule"
Set RSet=##class(%ResultSet).%New()
Set Ret=RSet.Prepare(sql)
Set Ret=RSet.Execute()
While RSet.Next()
{ Set routeGuid=""
Set nextScheduled=RSet.GetData(9)
I $ZDATETIME($h,3,1)>nextScheduled S ^badis("datetime",Id)=$ZDATETIME($h,3,1)_"|_"nextScheduled
}
```

here are the records from my class

date: 2022-09-14 07:37:41.871 [Print](#)

lue	KitId	LastScheduled	Loc	NextScheduled	NoDays	NoHours	NoMinutes	Occ
	628826		1707	2021-09-02 02:12:00				
	628837		1707	2022-01-01 00:00:00			5	
			1707	2022-01-01 00:00:00				
			1707	2022-01-01 00:00:00				
			1707	2022-01-01 00:00:00				
			1707	2022-01-01 00:00:00				
			1707	2022-01-01 00:00:00				
			1707	2022-01-01 00:00:00				
			1707	2022-01-01 00:00:00				
			1707	2022-01-01 00:00:00				
	629045		1707	2022-01-01 00:00:00				

and here I should be getting all 12 records,

**Global Search Mask:** ^badis("datetime")

Search History: ^badis("datetime")

1: ^badis("datetime",1) = "2022-09-14 07:31:15|2021-09-02 02:12:00"

Total: 1 [End of global]

Thanks

[#Ensemble](#)

Product version: Ensemble 2014.1

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Source URL: <https://community.intersystems.com/post/comparing-timestamp-data-types>