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# T-Server Reference Guide

TScanServerEx

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# TScanServerEx

## Description

Scans T-Server for one or more incoming messages and special events for a time interval specified by the parameter `timeout`, and processes the timers and the pending messages as specified by the parameter `scan_mode`. This function is used to synchronize with the socket operation while operating in asynchronous mode, or in synchronous mode when ADDP is used.

## Parameters

Name	Description
<code>server</code>	Local server handle to the T-Server in question.
<code>timeout</code>	Time interval, in seconds, during which a message from T-Server will be sought.
<code>scan_mode</code>	The scanning mode.

## Return Values

>0 — Number of received messages.

0 — The timeout is expired.

-1 — Error condition. Returned to the application if the request has not been processed due to an incorrect function statement.

## Comments

This function does not generate any messages to T-Server.