Which AppServer Agent is executing a program?

How to determine from code running on an AppServer which relative agent the code is executing from?

🕐 Dec 20, 2016 · Knowledge

Title

Which AppServer Agent is executing a program?

URL Name

which-appserver-agent-is-executing-a-program

Article Number

000158944

Environment

Product: OpenEdge
Version: All Supported Versions
OS: All Supported Platforms

Question/Problem Description

How to determine from code running on an AppServer which relative Agent the code is currently executing from?
This may be useful for code that monitors AppServer Agents.

Steps to Reproduce

Clarifying Information

Error Message

Defect Number

Enhancement Number

Cause

Resolution

When the AppServer Broker starts Agents, it enumerates them with an *AppServer ID* property in their startup parameters.

To retrieve the *AppServer ID* value, parse for the '**-ASID**' string in the STARTUP-PARAMETERS attribute of the SESSION object handle on the AppServer agent itself.

For example:

```
DEFINE VARIABLE cParams AS CHARACTER NO-UNDO.
DEFINE VARIABLE cParam  AS CHARACTER NO-UNDO.

DEFINE VARIABLE iParam  AS INTEGER   NO-UNDO.
DEFINE VARIABLE iAsId   AS INTEGER   NO-UNDO.

cParams = SESSION:STARTUP-PARAMETERS.

DO iParam = 1 TO NUM-ENTRIES(cParams):
    cParam = ENTRY(iParam,cParams).
    IF ENTRY(1,cParam," ") EQ "-ASID" THEN
        iAsId  = INTEGER(ENTRY(2,cParam," ")).
END.

MESSAGE "The AppServer ID of the current process is " iAsId.
```

Similar application logic can be applied to more complex architecture. For example refer to Article:

- How to connect to another Agent from the AppServer where a request is currently executing (/s/article/P181158)

Workaround

Notes

Progress Articles:

How to obtain the Id's of all active connections to an AppServer (/s/article/P110998)

Keyword Phrase

Last Modified Date

11/20/2020 7:19 AM

Attachment

👁 Files (0) (/s/relatedlist/ka74Q0000000DXmQAM/AttachedContentDocuments)

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