jape file with a Regular Expression containing a backslash does not parse in GATE

Submitted by LesleyDokter [1] on Mon, 2011-07-11 23:00

- Semantic Software Tools and Resources [2]

Hello

I am using Gate 6.1 and have a jape file with a valid regular expression in it
which is not parsing - so I am unable to load it as a ProcessingResource

Here is the line on the jape file that the parser chokes on
{Token.kind == word, Token.string =~ "[A-Za-z]+.+\.ear"}

and here is the error I get in the Messages tab

Caused by: gate.jape.JapeException: Batch: error parsing transducer: Cannot parse a phase in
file:/C:/NotBackedUp/GateTesting1/workingjapes/earfilename/earFile.jape: Lexical error at line 14, column 61. Encountered: "."
(46), after : "\"[A-Za-z]+.+\\"
at gate.jape.Batch.parseJape(Batch.java:227)
at gate.jape.Batch.(Batch.java:91)
at gate.creole.Transducer.init(Transducer.java:106)
... 3 more

I have checked that "[A-Za-z]+.+\.ear" is a valid regular expression and should match this string
ClientServices-06.00.0.5_3603_2.ear

Any help is much appreciated

Regards
Lesley
‹ OWLExporter Complilation [3] Error by loading main.jape from demo: japehelpers.Japehelpers cannot be resolved to a type
(Help needed ASAP) › [4]

[5]

Try the gate-users mailing list

Submitted by rene on Tue, 2011-07-12 16:24.

Hi Lesley,

For general GATE questions, best ask on the gate-users mailing list. This forum is specifically for question on the tools and

resources published by us.

I think this question was actually already answered on the ML before, so try searching the archives -- if I remember correctly, you need to escape the \ in the regular expression in Java to \\\.

Best, René

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Source URL (retrieved on *2026-01-10 17:15*):
https://www.semanticsoftware.info/forum/jape-file-regular-expression-containing-backslash-does-not-parse-gate

Links:
[1] https://www.semanticsoftware.info/users/lesleydokter
[2] https://www.semanticsoftware.info/forums/tools-resources-forum/durm-corpus-wiki-tools
[3] https://www.semanticsoftware.info/forum/owlexporter-complilation
[4] https://www.semanticsoftware.info/forum/error-loading-mainjape-demo-japehelpersjapehelpers-cannot-be-resolved-type-help-needed-asap
[5] https://www.semanticsoftware.info/users/rene