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COMPOSE

Theory: Mistake in Thu. class

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Compiler Design

to bcc: me

We were discussing an example where an un-ambiguous grammar leads to conflicts for a LR(0) parser.

There is conflict in ACTION(2, =): s6/r5.

We saw reductions of 2 valid strings :

(1) id = id

(2) *id = id

I mentioned that, both the examples are having the conflict for R->L reduction
***This statement is incorrect.

Can you point out the mistake? This statement is wrong for which string, and why??

HINT:

- Construct the Parsing Table (Phase-2) from the LR(0) automaton given in Fig.4.39.
- Trace both reductions using the state numbers (Phase-3).

I caught this because of the questions being asked by some of you.
Keep up the spirit.

Arun



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