

Re: Approaching the infinite binary tree

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In article

<36da9a22-353b-4a59-b222-36c755be8d3f@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, David R Tribble <david@xxxxxxxxxxx> wrote:

Mariano Suarez-Alvarez

You seem to mean by this that you have a last level, the one indexed by w .

LudovicoVan wrote:

I can drop the "informally": A tree with w levels! What is the problem with that?

Nothing at all.

However, you have a huge problem if you are saying there is a level that has index w .

It may make perfectly good sense, depending on your definition of "tree".

[http://en.wikipedia.org/wiki/Tree_\(set_theory\)](http://en.wikipedia.org/wiki/Tree_(set_theory))

Just one of the many problems this creates for you:
what is the index of the level immediately before level w ?

Depending on your definition of "tree", it can happen that "level immediately before" need not be defined.

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