Inference at $*$ 1
 of proof for Lemma eq_int_eq_true:

1. $i : \mathbb{Z}$
2. $j : \mathbb{Z}$
3. $i = j$

$\vdash (i =_0 j) = \mathrm{tt}$

```
  by ((((Unfold `eq_int` 0)
  CollapseTHEN (CaseReduce `true` [1]))⋅)
  CollapseTHEN (
    (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))⋅

    .
```

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_87936_{eq_int_eq_true}1.html