Inference at $*$
of proof for Lemma nat_well_founded:

$\vdash$ WellFnd{i}($\mathbb{N}$;x,y.$x < y$)
by UnfoldTopAb 0

1:

$\vdash \forall P{:}(\mathbb{N} \to \mathbb{P}).\ (\forall j{:}\mathbb{N}.\ (\forall k{:}\mathbb{N}.\ (k < j) \Rightarrow P(k)) \Rightarrow P(j)) \Rightarrow \{\forall n{:}\mathbb{N}.\ P(n)\}$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_92778_{nat_well_founded}.html