Corrigendum to
'Effect-Driven QuickChecking of Compilers'

March 28, 2018

1. In Theorem 3.6 (Preservation and progress) the preservation part needs to be generalized from the empty type environment $\cdot$ to any type environment Γ in order to be applicable in Theorem 3.8 and Lemma 3.14.

   (The soundness assumption about primitives is updated accordingly)

2. The text of Lemma 3.11 (Multi-step diamond property up to effects) should read

   If $e \xrightarrow{\eta_1} e_1 \xrightarrow{\eta_2} \ldots \xrightarrow{\eta_n} e_n$ and $e \xrightarrow{\eta'_1} e'_1 \xrightarrow{\eta'_2} \ldots \xrightarrow{\eta'_{n'}} e'_{n'}$ then there exists traces $e_n \xrightarrow{\eta_{n+1}} \ldots \xrightarrow{\eta_m} e_m$ and $e'_{n'} \xrightarrow{\eta'_{n'+1}} \ldots \xrightarrow{\eta'_m} e'_m$ such that $e_m = e'_m$ for some $m \leq n + n'$

In addition we have fixed a case in the full version's proof of Lemma 3.12 (Determinism of run-time effects). The change does not affect the validity of the original lemma.

In the authors' full version available at

`http://janmidtgaard.dk/papers/Midtgaard-al%3aICFP17-full.pdf`

the article's main text and the accompanying proofs have been corrected.

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