

Note

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STACK (32, 2stock, por)

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Starta generic type 2018-11-02

Procede Subnoutines on arbitrary types:

push (array of T, T); array of T

⇒ a) for non-reference types, compile onew;

b) for reference types, use type erasure:

push (array of (T), (T)): array of (T)

push (array of (ref T), (ref T);

Solves also the new array of (T) problems Containers of previously unknown

a) type array of T= --list of T = struct of hext: list of Tillox, ref value: T; // OK, last field

> rusolved at the coole generation time with real type attributes;

V Works only for bytecode inline subroutines? (mostly operators) Problems with implementing native Starta subroutines Plist of T list of (T) Current implementation; assumes that all types fit one stackcell. to A lot of problems: - Can not compile to Java bytecode - Can not implement I new TI10] for a generic T - Implementations are inefficient and can not be easily optimised. I remove from the language? Generic types of the 13-rd way" are ony needed for: also, push(T[];T)→T[] or all reference types T; > will have to include a parametrised module for non-reference Ts, but that's probably ok (i.e. not too much burden/overhead) - length (array of T) > defined for reference type 'array of T' anyway... - trim (array of T); array of T > defined only for the reference type array of T any way ... - same for I clone ()