

Gallina, being an extension of the Calculus of Inductive Constructions (CIC), being an extension of the Calculus of Constructions (CoC).

Every CIC program and proof term terminates.

CIC is *relatively consistent* with ZF so CIC claims are as believable as ZF ones.

It means that what's being defined is part of the object language.

- Gallina
- Ltac - for queries and requests of Coq
- The Vernacular - a DSL for writing proofs and decision procedures

Eval simpl in ...