A concrete proposal: mathematical FABSTRACTS (formal abstracts)

Given today's technology, it is not reasonable to ask for all proofs to be formalized. But with today's technology, it seems that it should be possible to create a formal abstract service that

- Gives a statement of the main theorem(s) of each published mathematical paper in a language that is both human and machine readable,

- Links each term in theorem statements to a precise definition of that term (again in human/machine readable form), and

- Grounds every statement and definition is the system in some foundational system for doing mathematics.