CGNS/SIDS proposal for extensions – 2011/02/01 – v0.1 – Multiple Families 1/1

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Multiple families declaration in Zones and Boundary Conditions

The proposal is a modification of the use of the Family_t node. We propose to have more than one FamilyName_t node in the Zone_t and BC_t nodes. The reserved name for the FamilyName_t node is FamilyName. We keep this requirement unchanged. Other FamilyName_t nodes, as Zone_t and BC_t children, would have a user-defined name.

```
Zone_t :=
{
    ...
    FamilyName_t FamilyName; (o)

List( FamilyName_t FamilyName1 ... FamilyNameN ); (o)
    ...
};

BC_t :=
{
    ...
    FamilyName_t FamilyName; (o)

List( FamilyName_t FamilyName1 ... FamilyNameN ); (o)
    ...
};
```