

Modification of BaseIterativeData and ZoneIterativeData for reference frame and family motion

The time dependent data is located at the `CGNSBase_t` and the `Zone_t` levels. The `CGNSBase_t` level defines the steps to take into account and the family based information, this SIDS part is extended with the family reference frame and the rigid motion. The `Zone_t` iterative data holds the pointers to the zone members for each iteration. We add the pointers to the reference frame.

▪ *Base iterative data extension pattern:*

```
BaseIterativeData_t:=  
{  
  DataArray_t<char, 3, [32, MaxNumberOfFamilies, NumberOfSteps]> RigidGridMotionPointers; (o)  
  DataArray_t<char, 3, [32, MaxNumberOfFamilies, NumberOfSteps]> ReferenceFramePointers; (o)  
  ...  
  other SIDS BaseIterativeData_t existing attributes  
}
```

▪ *Base iterative data extension requirements list:*

1. The motion pointer is the name of the `GridRigidMotion_t` node.
2. The frame pointer is the name of the `ReferenceFrame_t` node.

▪ *Zone iterative data extension pattern:*

```
BaseIterativeData_t:=  
{  
  DataArray_t<char, 3, [32, MaxNumberOfFamilies, NumberOfSteps]> ReferenceFramePointers; (o)  
  ...  
  other SIDS BaseIterativeData_t existing attributes  
}
```

▪ *Zone iterative data extension requirements list:*

1. The pointer is the name of the `ReferenceFrame_t` node.