

Séminaire Qualité

Quels outils et organisations pour qualifier les données géographiques ?



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Société de services géomatiques

- Développement
- Conseil
- Formation
- Bentley, QGIS
- Oracle/Spatial, PostgreSQL/PostGIS



Accompagner clients publics et privés

```
if((etype=mdlElement_getType(e1P)) == CELL_HEADER_ELM || etype == SHARED_CELL_ELM)
{
    if(etype == CELL_HEADER_ELM)
    {
        ie = ownCell_extract((DPoint3d *)&origine, (DPoint3d *)NULL, (RotMatrix *)NULL, (DPoint3d *)NULL, (OwnMSWChar *)NULL, MAX_CELLNAME_LENGTH, (MSElement *)e1P);
    }
    else if(etype == SHARED_CELL_ELM)
    {
        ie = ownSharedCell_extract((DPoint3d *)&origine, (DPoint3d *)NULL, (RotMatrix *)NULL, (DPoint3d *)NULL, NULL, (OwnMSWChar *)NULL, MAX_CELLNAME_LENGTH, (MSElement *)e1P, ACTIVEMODEL);
    }
    CopyO(&eri, &origine, DPoint3d);
    SetElementAttributesDatabase(AZDB_USER_LINK);
    SetElementAttributesApplicationId(SIG_APPLICATION_DATA_ID);
    ExtractElementAttributes(e1P, (long *)&id, &name, &attr_str);
    SetElementAttributesDatabase(AZDB_MICROSTATION);
    _SIGGA.Get(SIG_US, US_LEVNAME, levelname);
    LevelIdFromLevelName(levelname, (long *)&level, MASTERFILE);
    _SIGGA.Get(SIG_US, US_CELLLIB, lib);
    if(*lib) _SIGGA.Activate(lib);
    _SIGGA.Activate(SIG_US, US_CELL);
    _SIGGA.Get(SIG_US, US_CELLNAME, w_name);
    ConvertMultibyteToUnicode(&nom, -1, w_name, MAX_CELLNAME_LENGTH);
    if(etype == CELL_HEADER_ELM)
    {
        ie = ownCell_getImDacc(&ed2P, NULL, NULL, NULL, TRUE, NULL, NULL, 0, 0, TRUE, w_name, NULL);
    }
    else if(etype == SHARED_CELL_ELM)
    {
        //on cherche dans toutes les bibliothèques, celle attachée en premier
        if(mdlCell_findCell(&libfo, NULL, w_name, TRUE) == SUCCESS)
        {
            ie = ownCell_getImDacc(&ed2P, libfo, NULL, NULL, TRUE, NULL, NULL, 0, 0, TRUE, w_name, NULL);
        }
        else
        {
            ie = ERROR;
            sprintf(msg, TXT_fmt_CelluleIntrouvable, nom);
            WriteError(msg);
        }
    }
    if(ie == SUCCESS)
    {
        newetype=mdlElement_getType(&ed2P->e1);
        if(newetype == CELL_HEADER_ELM)
        {
            ie = ownCell_extract((DPoint3d *)NULL, (DPoint3d *)&shape, (RotMatrix *)NULL, (DPoint3d *)NULL, (OwnMSWChar *)NULL, MAX_CELLNAME_LENGTH, (MSElement *)&ed2P->e1);
        }
        else if(newetype == SHARED_CELL_ELM || newetype == SHAREDCELL_DEF_ELM)
    }
}
```

- Outils métier spécifiques
- Assistance/support/administration
- Intégrer outils libres et propriétaires

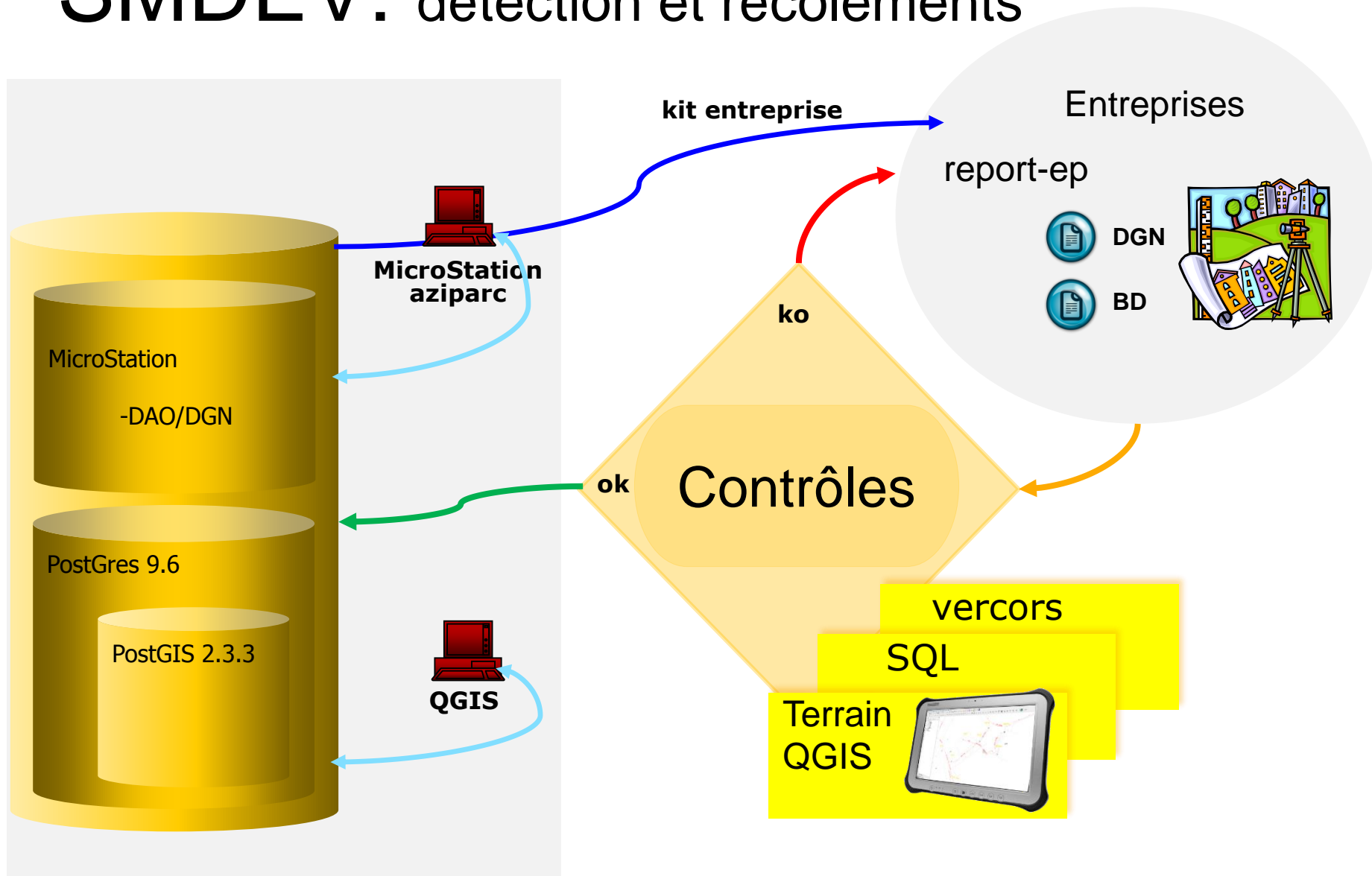
Réalisations

- Outils de production/contrôle/exploitation de données (collectivités, géomètres)
- AMO mise en place, exploitation SIG (collectivités)
- AMO consultation entreprises

```
if((etype=mdlElement_getType(e1P)) == CELL_HEADER_ELM || etype == SHARED_CELL_ELM)
{
    if(etype == CELL_HEADER_ELM)
    {
        ie = ownCell_extract((DPoint3d *)&origine, (DPoint3d *)NULL, (RotMatrix *)NULL, (DPoint3d *)NULL, (OwnMSWChar *)NULL, MAX_CELLNAME_LENGTH, (MSElement *)e1P);
    }
    else if(etype == SHARED_CELL_ELM)
    {
        ie = ownSharedCell_extract((DPoint3d *)&origine, (DPoint3d *)NULL, (RotMatrix *)NULL, (DPoint3d *)NULL, NULL, (OwnMSWChar *)NULL, MAX_CELLNAME_LENGTH, (MSElement *)e1P, ACTIVEMODEL);
    }
    CopyO(&ori, &origine, DPoint3d);
    SetElementAttributesDatabase(AZUS_MICROSTATION);
    SetElementAttributesApplyAttributes(MSE_APPLICATION, &ori_ID);
    ExtractElementAttributes(e1P, (long *)&id, &name, &att_str);
    SetElementAttributesDatabase(AZUS_MICROSTATION);
    _SIGGA.Get(SIG_US, US_CELLNAME, &name);
    LevelIdFromLevelName(&ori_ID, &ori_ID);
    _SIGGA.Get(SIG_US, US_CELLLIB, &lib);
    if(*lib) _SIGGA.Active(SIG_US, US_CELLLIB);
    _SIGGA.Active(SIG_US, US_ALL);
    _SIGGA.Get(SIG_US, US_CELLNAME, &name);
    ConvertMultiByteToUnicode(&ori_ID, &ori_ID);
    if(etype == CELL_HEADER_ELM)
    {
        ie = ownCell_getElemDescr(&ed2P, NULL, NULL, NULL, TRUE, NULL, NULL, 0, 0, TRUE, &ori_ID, &ori_ID);
    }
    else if(etype == SHARED_CELL_ELM)
    {
        //on cherche dans toutes les bibliothèques, celle attachée en premier
        if(mdlCell_findCell(&lib, &ori_ID, TRUE) == SUCCESS)
        {
            ie = ownCell_getElemDescr(&ed2P, NULL, NULL, NULL, TRUE, NULL, NULL, 0, 0, TRUE, &ori_ID, &ori_ID);
        }
        else
        {
            ie = ERROR;
            sprintf(msg, TXT_fmt_CelluleIntrouvable, &ori_ID);
            WriteError(msg);
        }
    }
    if(ie == SUCCESS)
    {
        newetype=mdlElement_getType(&ed2P->e1);
        if(newetype == CELL_HEADER_ELM)
        {
            ie = ownCell_extract((DPoint3d *)NULL, (DPoint3d *)&shape, (RotMatrix *)NULL, (DPoint3d *)NULL, (OwnMSWChar *)NULL, MAX_CELLNAME_LENGTH, (MSElement *)&ed2P->e1);
        }
        else if(newetype == SHARED_CELL_ELM || newetype == SHAREDCELL_DEF_ELM)
    }
}
```



SMDEV: détection et récolements



Merci de votre attention

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