The giRaph package for graph representation in R

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The giRaph package for graph representation in R
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A broad notion of graph

Hyper-edges banned

Representation in use can be changed

Working with vertices & edges

Setting representations

Connection to other packages

References

General graphs may have
- hyper-edges, such as
  b--d--e
  f->e>b--d->a--c
- loops, such as
  i<>i
- multiple edges, such as
  b->d, d-->b
e->h, e-->h, e->h
f--i, f-->i

Represented via incidence list

Representation in use can be changed

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Hyper-edges banned

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Loops and multiple edges banned

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