

Essential grammatical elements in the institutional statement

A

D

I

B

C

C

O

ATTRIBUTE

DEONTIC

AIM

DIR./IND.OBJECT

ACT.CONDITION

EXE.CONSTRAINT

OR ELSE

Regulative rules

Example 1

A D I B C O

“Farmers must comply with certification standards.

Non-compliance will entail the immediate loss of
organic certification.”

ATTRIBUTE

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EXE. CONSTRAINT

OR ELSE

Example 1

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“Farmers **must** comply with certification standards.

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Example 1

A D I B C O

“Farmers must comply with certification standards.
Non-compliance will entail the immediate loss of
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ACT. CONDITION: Under all circumstances

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Example 1

A D I B C O

“Farmers must comply with certification standards.
Non-compliance will entail the immediate loss of
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ACT. CONDITION: Under all circumstances

EXE. CONSTRAINT: Without constraints

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“Farmers must comply with certification standards.

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OR ELSE

A D I B C O

Once certified, organic farmers must submit
an organic systems plan to the Agency annually,
or else Agency may suspend farming certification.

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Example 2

A D I B C O

Once certified, organic farmers must submit

an organic systems plan to the Agency annually,

or else Agency may suspend farming certification.

ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

Example 2

A D I B C O

Once certified, organic farmers must submit

an organic systems plan to the Agency annually,

or else Agency may suspend farming certification.

ATTRIBUTE

DEONTIC

AIM

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IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

1. Herders must be members of the water user association.



1. Herders must be members of the water user association.



(POS.def)

1. Herders must be members of the water user association.

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EXE. CONSTRAINT

OR ELSE

1. Herders must be members of the water user association.

ACT. CONDITION: Under all circumstances

EXE. CONSTRAINT: Without constraints

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EXE. CONSTRAINT

OR ELSE

2. Only sheep or cattle breeders can join the Agrarian Society



2. Only sheep or cattle breeders can join the Agrarian Society



(BOU.eli.res)

2. Only sheep or cattle breeders can join the Agrarian

Society

ATTRIBUTE

DEONTIC

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IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

2. Only sheep or cattle breeders can join the Agrarian

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ACT. CONDITION: Under all circumstances

ATTRIBUTE

DEONTIC

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DIR.OBJECT

IND.OBJECT

ACT. CONDITION

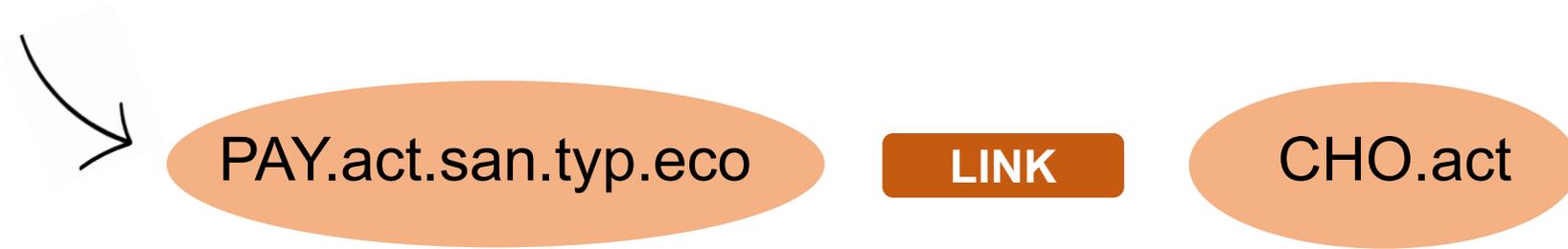
EXE. CONSTRAINT

OR ELSE

3. The shepherd has to keep the cattle in the stable during the night, otherwise he will have to pay a fine.



3. The shepherd has to keep the cattle in the stable during the night, otherwise he will have to pay a fine.



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ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

3. The shepherd has to keep the cattle in the stable during the night, otherwise he will have to pay a fine.

ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

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ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

3. The shepherd has to keep the cattle in the stable during the night, otherwise he will have to pay a fine.

ATTRIBUTE

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EXE. CONSTRAINT

OR ELSE

3. The shepherd has to keep the cattle in the stable during the night, otherwise he will have to pay a fine.

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ACT. CONDITION

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3. The shepherd has to keep the cattle in the stable during the night, otherwise he will have to pay a fine.

ATTRIBUTE

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AIM

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IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

3. The shepherd has to keep the cattle in the stable during the night, otherwise he will have to pay a fine.

ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

3. The shepherd has to keep the cattle in the stable during the night, otherwise he will have to pay a fine.

EXE. CONSTRAINT: Without constraints

ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

4. Coordinators do not have to be in constant contact with farmers who participate in the program



4. Coordinators do not have to be in constant contact with farmers who participate in the program



(INF.net)

4. **Coordinators** do not have to be in constant contact with farmers who participate in the program

ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

4. Coordinators do not have to be in constant contact with farmers who participate in the program

ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

4. Coordinators do not have to be in constant contact with farmers who participate in the program

ATTRIBUTE

DEONTIC

AIM

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IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

4. Coordinators do not have to be in constant contact with farmers who participate in the program

ATTRIBUTE

DEONTIC

AIM

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OR ELSE

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ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

4. Coordinators do not have to be in constant contact with farmers who participate in the program

ACT. CONDITION: Under all circumstances

EXE. CONSTRAINT: Without constraints

ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

4. *A(Coordinators) D(do not have to) I(be) in Bdir,p(constant)*
Bdir(contact) Bind(with farmers)
Bind,p(who participate in the program)

Cac: Under all circumstances

Cex: Without constraints

5. Commissioners shall be compensated each time they attend a meeting



5. Commissioners shall be compensated each time they attend a meeting



(PAY.act.rew.for)

5. Commissioners shall be compensated each time they

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ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

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EXE. CONSTRAINT

OR ELSE

5. Commissioners shall be compensated each time they

attend a meeting

EXECUTION CONSTRAINT: Without constraints

ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

6. The decisions on local transport methods must be dominated by local government



6. The decisions on local transport methods must be dominated by local government



(AGG.nod)

6. The decisions on local transport methods must

be dominated by local government

ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

6. The decisions on local transport methods **must**

be dominated by local government

ATTRIBUTE

DEONTIC

AIM

DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

6. The decisions on local transport methods **must**

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ATTRIBUTE

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ACT. CONDITION: Under all circumstances

EXE. CONSTRAINT: Without constraints

ATTRIBUTE

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DIR.OBJECT

IND.OBJECT

ACT. CONDITION

EXE. CONSTRAINT

OR ELSE

6. Bdir(*The decisions*) on Bind,p (*local*) Bind (*transport methods*) D(*must*) I(*be dominated*) by A,p (*local*)
A(*government*)

Passive voice



The local government must dominate the decisions on local transport methods

Active voice

IG Parser

Institutional Grammar Book Website

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IG Parser

IG Parser is a tool that parses institutional statements in the IG Script notation, which allows for the machine-accessible parsing of institutional information in the form of the Institutional Grammar (both the original version, as well as IG 2.0). The underlying syntax has been introduced as part of the [IG Book](#), with specific examples of encoded institutional statements referenced throughout Chapters 7 and 8 of the book provided under [Book Examples](#).

IG Parser

A Parser for Institutional Statements encoded in the [IG Script Notation](#) of the [Institutional Grammar 2.0](#)

<https://newinstitutionalgrammar.org/ig-parser.html>

Constitutive rules

ENTITY

MODAL

FUNCTION

PROPERTY

Regulative rules

ATTRIBUTE

DEONTIC

AIM

OBJECT

Regulative and constitutive rules

ACTIVATION CONDITION

EXECUTION CONSTRAINT

OR ELSE

7. Member of the council shall be disqualified from holding any public office or employment.



CONSTITUTIVE RULE

7. Member of the council shall be disqualified from holding any public office or employment.



BOU.eli.acq

7. Member of the council shall be disqualified from holding any public office or employment.

ENTITY

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7. Member of the council shall be disqualified from holding any public office or employment.

ACTIVATION CONDITION: Under all circumstances

ENTITY MODAL FUNCTION PROPERTY ACTIVATION CONDITION EXECUTION CONSTRAINT OR ELSE

7. Member of the council shall be disqualified from holding any public office or employment.

ACTIVATION CONDITION: Under all circumstances

EXECUTION CONSTRAINT: Without constraints

ENTITY MODAL FUNCTION PROPERTY ACTIVATION CONDITION EXECUTION CONSTRAINT OR ELSE



*E(member) of the E, p(Council) M(shall) F(be)
P(disqualified from holding any public office or
employment).*



IG Parser

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